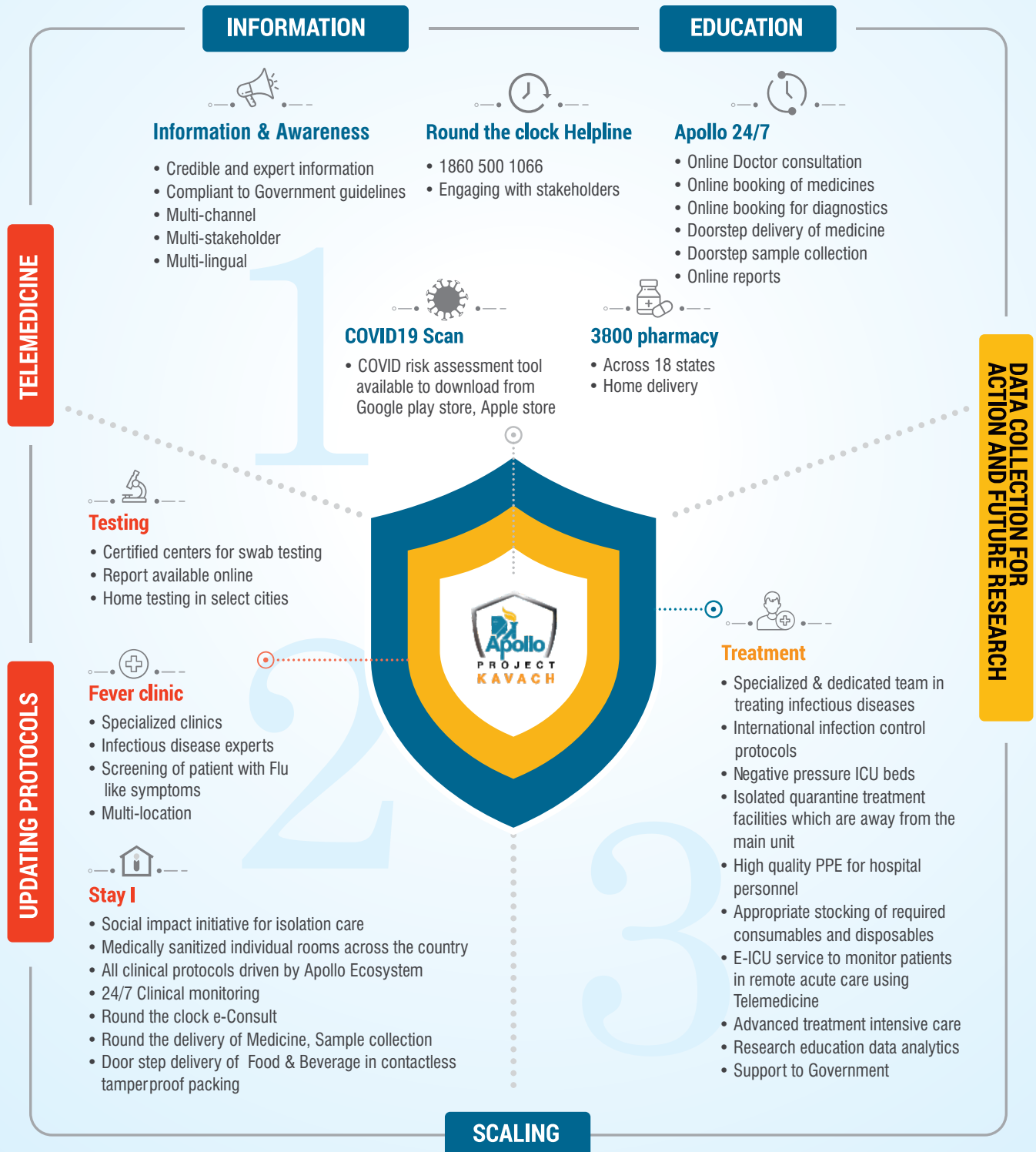


A large, light blue stylized globe with a grid pattern, surrounded by a white stethoscope. The globe is centered in the upper half of the image.

Together, Working Towards A Healthier World

PROJECT KAVACH

AN INTEGRATED COMPREHENSIVE PLAN TO COMBAT COVID19



A LEGACY OF EXCELLENCE

DREAM • INNOVATE • INSPIRE



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THE YEAR 2019



2019

Diverse as we may be in our locations, the zeal to excel is the common thread that binds all Apollo Hospitals. This drive to excel in the fast changing world of medicine leads us from one quality improvement initiative into another. In 2019, Apollo Hospitals continued with concerted and unswerving efforts to enhance clinical, academic and research excellence, embraced innovative processes and technologies for achieving best outcomes for our patients and maximizing our reach to the community.

The Apollo Standards of Clinical Care (TASCC) embodies standardization of processes and outcomes for clinical excellence and patient safety, across all the Group Hospitals. TASCC scores showed a steady increase from 310 in FY (2012-13) to 453 in FY (2018-19) for Group A hospitals, from 227 in FY (2012-13) to 367 in FY (2018-19) for Group B hospitals and from 189 in FY (2012-13) to 334 in FY (2018-19) for Group C hospitals, reflecting increasing standardisation of processes and improving outcomes.

Group average scores for Apollo Clinical Excellence Scorecard (ACE 1) showed an improvement from 72 in 2010 to 88 in 2019. Apollo Gleneagles Hospital, Kolkata reporting Group A parameters, Apollo BGS Hospitals, Mysore reporting Group B parameters and Apollo Reach Hospital, Karaikudi reporting Group C parameters were declared ACE 1 champions and were awarded the trophies along with cash prizes.

In 2019, 185 nominations were received for Apollo Innovation and Quality Awards, a platform that felicitates and rewards hospitals within the Apollo Group for their diligent efforts and innovations to persistently improve patients care, quality and safety.

Apollo Clinical Awards provide a platform that honours and recognizes Consultants who have achieved path breaking clinical, academic and research related success. Ninety-one nominations were

received from Consultants across the Group.

Our consultants continued their pursuit of excellence by treating complicated cases and performing rare procedures, while also writing books and contributing book chapters, publishing their clinical research and cases in medical journals worldwide, lecturing nationally and internationally and receiving numerous awards from various governmental and non-governmental organizations.

Three hundred and sixty-nine research papers by our consultants were recognized and 300 consultants contributed their achievements for publication in this report.

The National Board of Examinations (NBE) has accredited Apollo Hospitals for training and examinations in 15 broad specialties, 21 super specialties besides 8 Postdoctoral Fellowship (FNB) programs. In 2019, there were 599 DNB/FNB seats in the Apollo Hospitals Group with 884 trainees pursuing DNB/FNB programs across 14 hospitals.

In order to upskill the knowledge and expertise of doctors, under the aegis of the Apollo Continuous Medical Education Program, 825 CMEs were conducted which were attended by 45,578 doctors from across the country and overseas.

Apollo Research and Innovations (ARI) has conducted over 1150 clinical studies and currently 150 studies are on-going at various Apollo Hospitals. The Adjunct Title of Professor and Associate Professor of Apollo Hospitals Educational and Research Foundation (AHERF) has been conferred on 140 Consultants and 108 Consultants hold Adjunct Titles of Tutorship.

Seven Apollo Hospitals are accredited by Joint Commission International (JCI). Apollo Hospitals, Ahmedabad underwent a reaccreditation survey successfully, in 2019. The total number of National

Accreditation Board for Hospitals and Healthcare Providers (NABH) accredited Apollo Hospitals increased to 30.

The 8th International Patient Safety Conference (IPSC) held at HICC, Hyderabad in September, surpassed all the previous records and witnessed a presence of 2680 delegates from India and 30 different countries. Over 150 scientific sessions were conducted by 250 international and national speakers.

The 9th edition of the International Conference on Transforming Healthcare with Information Technology (THIT) organized by the Apollo Telemedicine Networking Foundation (ATNF) was held as a parallel event. The THIT was attended by delegates representing the healthcare IT industry, leading IT companies and healthcare institutions.

Apollo Hospitals Group launched the Apollo ProHealth Program, a proactive Health Management program. Apollo ProHealth is a first-of-its-kind comprehensive health program, powered by pHRA (personalised Health Risk Assessment), enabled by Artificial Intelligence.

The AI Cardiovascular Disease (CVD) Risk Score developed in joint collaboration by Apollo Hospitals and Microsoft India was launched.

Apollo Adlux- Super Speciality Hospitals, a new 300-bedded hospital was launched in Kochi, Kerala. Apollo Adlux Hospitals has access to world-class technologies and services, state-of-the-operation theatres, advanced laboratory and medical diagnostics including 60 ultra-modern I.C.U. beds. World class equipment with advanced technology, state-of-the-art laboratory and emergency facilities position the hospital as one of the best in the region. Super-speciality departments like cardiac care, trauma care, orthopaedics, neurosciences, gastro sciences, renal sciences with all affiliated specialities and sub specialities are the hallmark of Apollo Adlux Hospitals.

Apollo HomeCare established a presence in 5 cities- Hyderabad, Chennai, Delhi, Bangalore, Kolkata and touched over 1,75,000 lives, in the community. It has

handled over 4,50,000 patient care episodes. Apollo Homecare, known for its clinical excellence, is acknowledged as a leader in providing skilled home-healthcare services. With over 1200 professional home healthcare providers, the team has grown at a fast pace in a short time.

Apollo Tele Health Services (ATHS) with the Government of Uttar Pradesh has set up Tele-Radiology Services at 134 Community Health Centres run by the State Government. Tele-consultations across 13 selected specialties are also available to 120 of these centers. With the Government of Jharkhand, ATHS has set up Digital Dispensaries across 100 Primary Health Centres. University of Pittsburgh has recognized Apollo TeleHealth for implementation of tele-clinic at Tuber village.

Under the aegis of Corporate Social Responsibility (CSR), the various programs run by Apollo for the benefit of the community included Total Health Program, Billion Hearts Beating Campaign, Apollo Aushad, SACHi and others. Situated in the Thavananpalle Mandal of Chittoor District, Andhra Pradesh, 'Total Health' is India's first integrated rural healthcare service delivery network in the private sector. The program aims to cover more than 54,000 people across all age groups.

Apollo Hospitals Group was conferred 88 awards and accolades at various national and international fora in 2019.

Dr Prathap C Reddy, Chairman, Apollo Hospitals Group, amongst numerous other felicitations received by him, was awarded the Outstanding Institution Builder Award at AIMA Managing India Awards organised by the All India Management Association.

Ms Preetha Reddy, Executive Vice Chairperson, Apollo Hospitals Group was elected as the Senior Vice President of NatHealth for 2019-20.

Ms Suneeta Reddy, Managing Director, Apollo Hospitals, was felicitated as one of the 'Most Influential People in UK-India Relations by India Incorporated. She was honoured by Fortune India as

India's Most Powerful Business Women in business that are making an impact by virtue of their business acumen and social and cultural influence.

Ms Shobana Kamineni, Executive Vice Chairperson of Apollo Hospitals Enterprise Limited, was named as the Most Influential Woman of India by Business World.

Dr Sangita Reddy, Joint Managing Director, Apollo Hospitals was elected as President of FICCI. Dr Sangita Reddy is the third lady to be elected as President of FICCI in 93 years.

At the Asian Hospital Management Awards 2019 held at Hanoi, Vietnam, Apollo Hospitals Group won ten awards, the highest number of awards won by any organization in Asia. The Best Hospital Survey 2019, conducted by THE WEEK, ranked Apollo Hospitals, Chennai as the best corporate multi - speciality hospital in the country. The All India Critical Care Hospital Ranking Survey 2019, conducted by the Times of India ranked Apollo Hospitals, Chennai as the best hospital in India, for the specialities of Oncology, Cardiac Sciences, Paediatrics, Gastroenterology and Hepatology, Nephrology, Neuro Sciences, Urology, Emergency and Trauma. Several Apollo Hospitals were ranked as best hospitals in their region and specialities, in both THE WEEK and All India Critical Care Hospital Ranking Survey.

The journey into 2020 has begun on a challenging note that us led us to grapple with the with the Corona virus crisis. Nevertheless, as true warriors committed to the service of our nation we have embraced the situation and our continuing to care and serve our patients in an unrelenting manner. We are continuously evolving ourselves and our service delivery mechanisms to respond to the pandemic. 'Project Kavach' is Apollo Hospitals, comprehensive and integrated response plan to take the battle to COVID-19. The response plan encompasses all aspects from information, screening and assessment, testing, to readying the infrastructure for quarantine and treatment. It brings together all the resources of Apollo Hospitals to fight for the people of the country against this pandemic.

As Henry Ford had said, " When everything seems to be going against you, remember that the airplane takes off against the wind, not with it."

Clinical Excellence

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Clinical Excellence

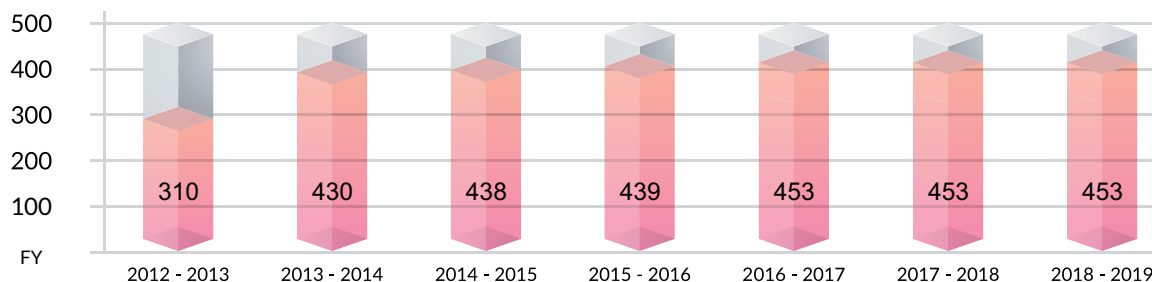
The Apollo Standards of Clinical Care (TASCC)

Apollo Hospitals Group aims at establishing the highest standards of clinical care and patient safety for all its hospitals irrespective of their location and size. The Apollo Standards of Clinical Care (TASCC) was implemented across Apollo Hospitals to standardize processes and outcomes for clinical excellence and patient safety. It encompasses six initiatives – Apollo Clinical Excellence dashboards (ACE 1 and ACE 2), Apollo Quality Program (AQP), Apollo Mortality

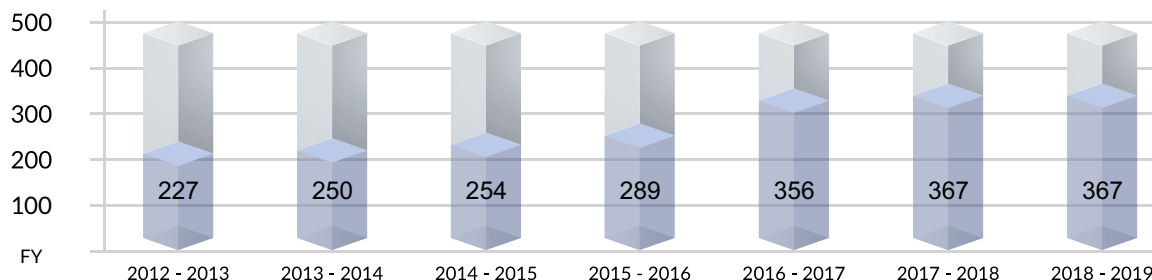
Review (AMR), Apollo Incident Reporting System (AIRS) and Apollo Critical Policies Plans and Procedures (ACPPP). TASCC was implemented in January 2012.

TASCC scores showed a steady increase from 310 in FY (2012-13) to 453 in FY (2018-19) for Group A hospitals, from 227 in FY (2012-13) to 367 in FY (2018-19) for Group B hospitals and from 189 in FY (2012-13) to 334 in FY (2018-19) for Group C hospitals, showing increasing standardisation of processes and improving outcomes.

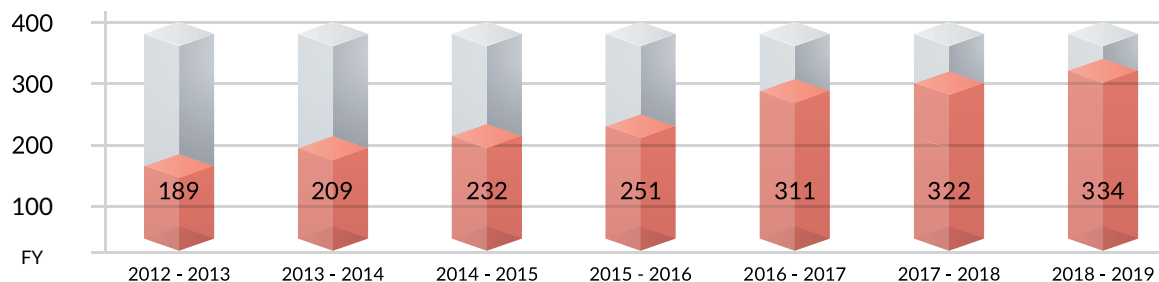
Average TASCC Scores - Group A



Average TASCC Scores - Group B



Average TASC Scores - Group C



Apollo Clinical Excellence Scorecard – ACE 1

Earlier known as ACE@25, this scorecard has been renamed as ACE 1 in 2015 with revision in indicators and benchmarks. Group average scores for ACE 1 showed an improvement from 72 in 2010 to 88 in 2019.

ACE 1 is a clinical balanced scorecard incorporating 25 clinical parameters involving complication rates, mortality rates, one-year survival rates and average length of stay after major procedures like liver and renal transplant, CABG, TKR, THR, TURP, PTCA and endoscopy covering all major specialities.

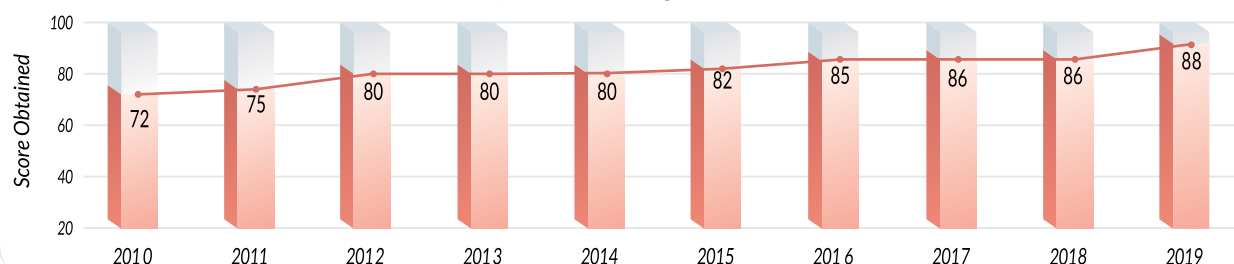
Also included are hospital acquired infection rates and patient satisfaction with pain management. Parameters have been benchmarked against the published benchmarks of the world's best hospitals including Cleveland Clinic, Mayo Clinic, National Healthcare Safety Network, University of California,

San Francisco and Agency for Healthcare Research and Quality US. The weighted scores for outcomes are colour coded green, orange and red. The cumulative score achievable is capped at 100.

The collective data for all locations can be viewed by the Group Leadership at any point of time. There is an "ACE 1" Champion Award for the highest scorer.

In 2019, 39 hospitals reported ACE 1 data. Seven hospitals (Ahmedabad, Bangalore, Chennai, Delhi, Hyderabad, Kolkata and Navi Mumbai) reported data for Group A parameters, 18 hospitals (Bilaspur, Madurai, Mysore, Pune, Vizag, Bhubaneswar, Karimnagar, Secunderabad, Hyderguda, Trichy, Vanagaram, Indore, ASH OMR, Nashik, Nellore, Seshadripuram, Health City Vizag, Guwahati) reported data for Group B parameters and 14 hospitals (Aragonda, Apollo First Med Hospitals, Apollo Cancer Institute Teynampet, Tondiarpet, Sowcarpet, Kakinada, Noida, Apollo Children's Hospital, DRDO, Karur, ASH Jayanagar, Karaikudi, AMC Karapakkam, AWH SMR) reported data for Group C parameters.

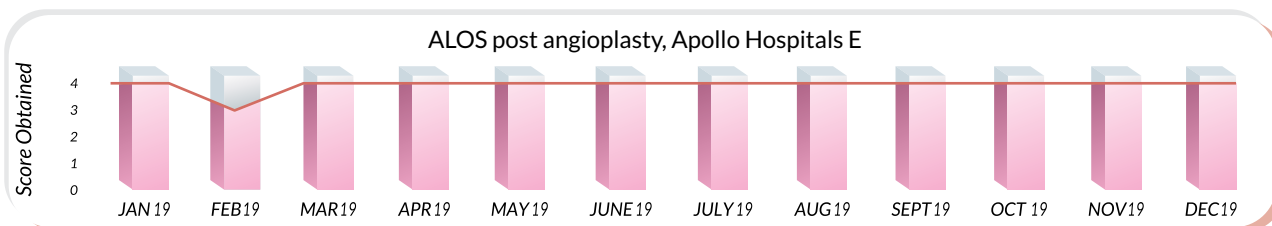
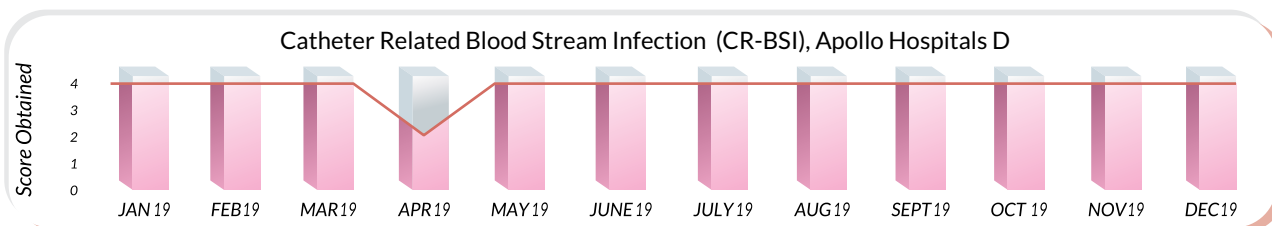
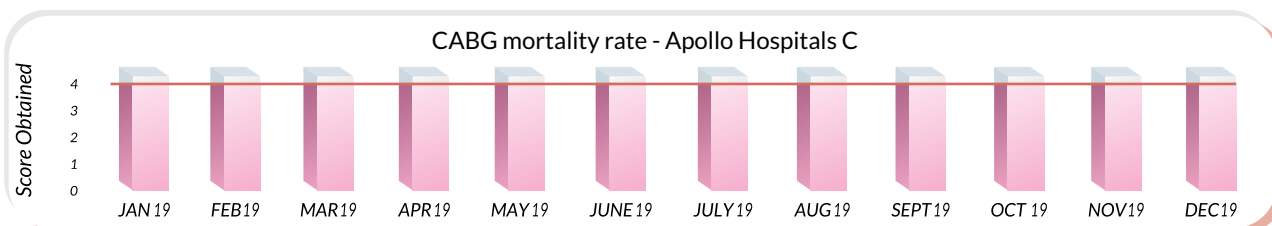
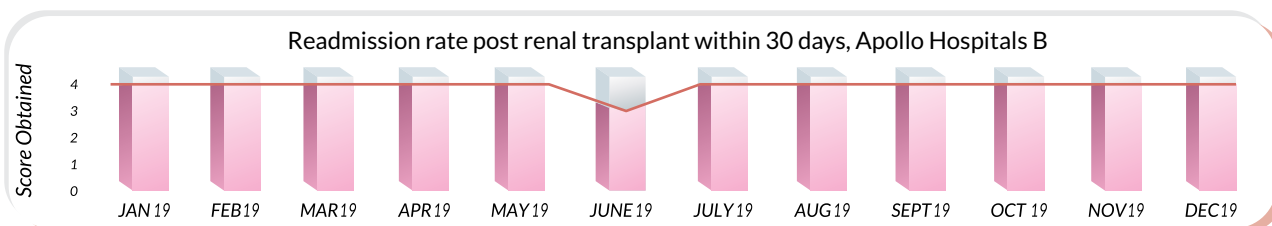
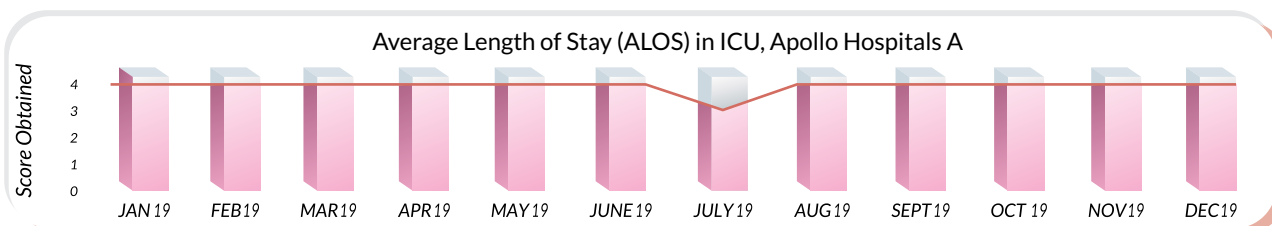
Group Annual Average ACE 1 Scores

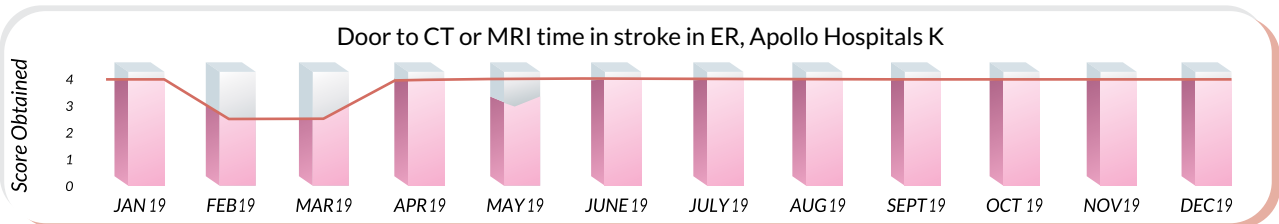
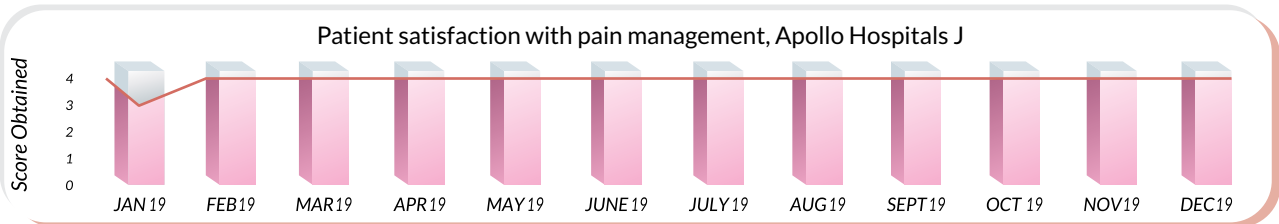
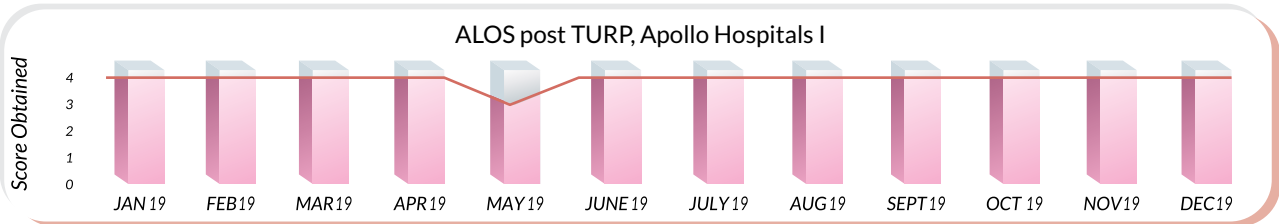
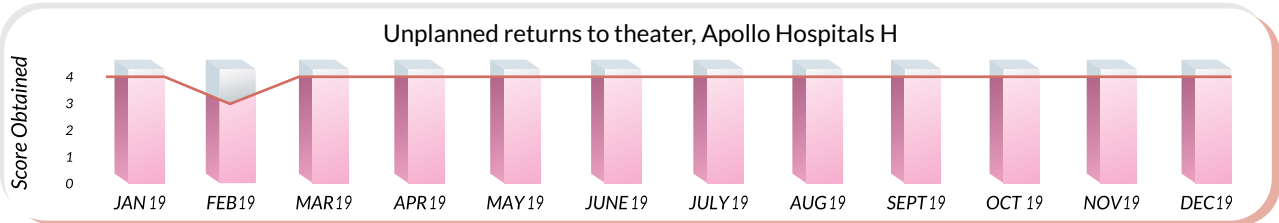
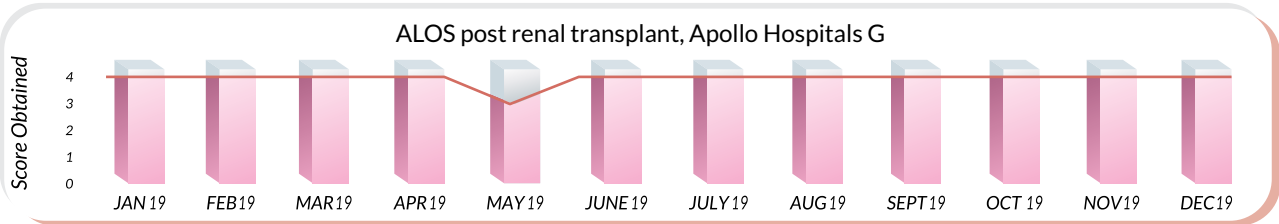
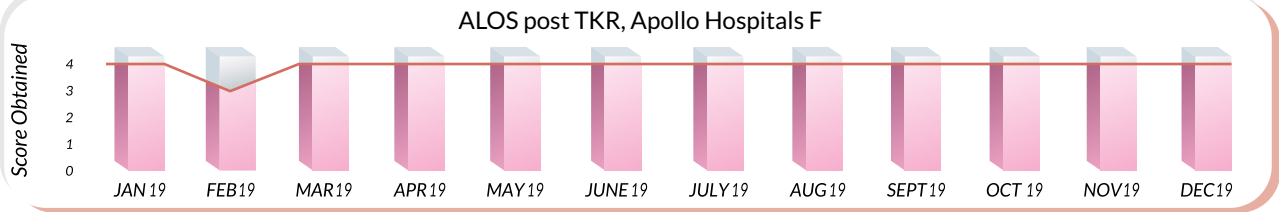


Example of an ACE 1 parameter

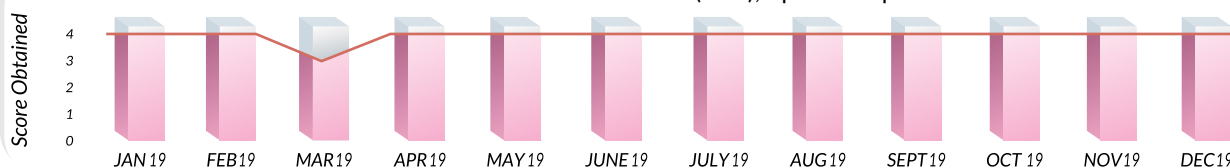
Indicator	Benchmark	Range	Scoring
Coronary Artery Bypass Graft (CABG) Mortality Rate	0.50 % Cleveland Clinic	≤ 0.80	4
		0.80-1.20	3
		1.21-1.60	2
		1.61-2.00	1
		≥ 2.1	0

Few examples of outcome parameters trends:

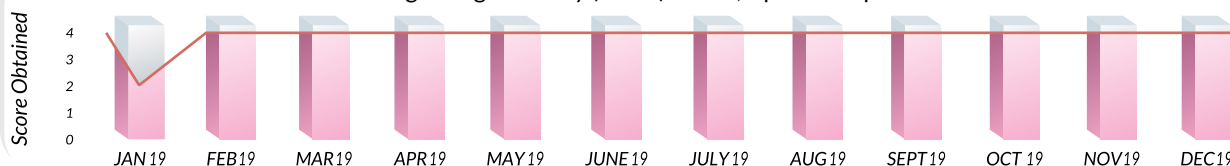




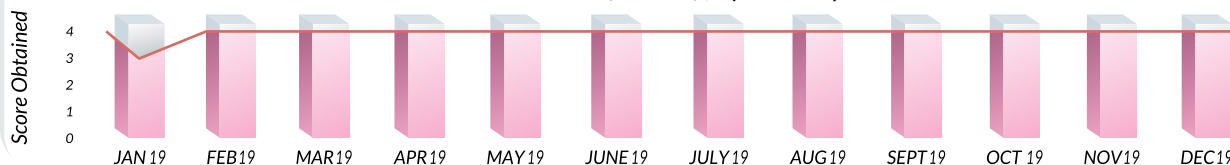
Ventilator Associated Pneumonia (VAP), Apollo Hospital L



Average Length of Stay (ALOS) in ICU, Apollo Hospital M



Catheter related UTI (CR-UTI), Apollo Hospital N



ACE 1 Awards

ACE 1 clinical excellence scorecard data has been reported for the last 11 years. The outstanding performances in each of the hospitals reporting Group A, Group B and Group C parameters are given recognition every year. The Average ACE 1 score for each hospital is computed and their 360-degree score is added to it. The hospital scoring the maximum is awarded the ACE 1 Champion Award.

Apollo Gleneagles Hospital, Kolkata reporting Group A parameters, Apollo BGS Hospitals, Mysore, reporting Group B parameters and Apollo Reach Hospital, Karaikudi reporting Group C parameters were declared ACE 1 champions and were awarded the trophies along with cash prizes.

The awards were conferred by Chairman, Dr Prathap C Reddy and Joint Managing Director, Ms Sangita Reddy.



ACE 1 Champion (Group A)- Apollo Gleneagles Hospitals, Kolkata



ACE 1 Champion (Group B)- Apollo BGS Hospitals, Mysore



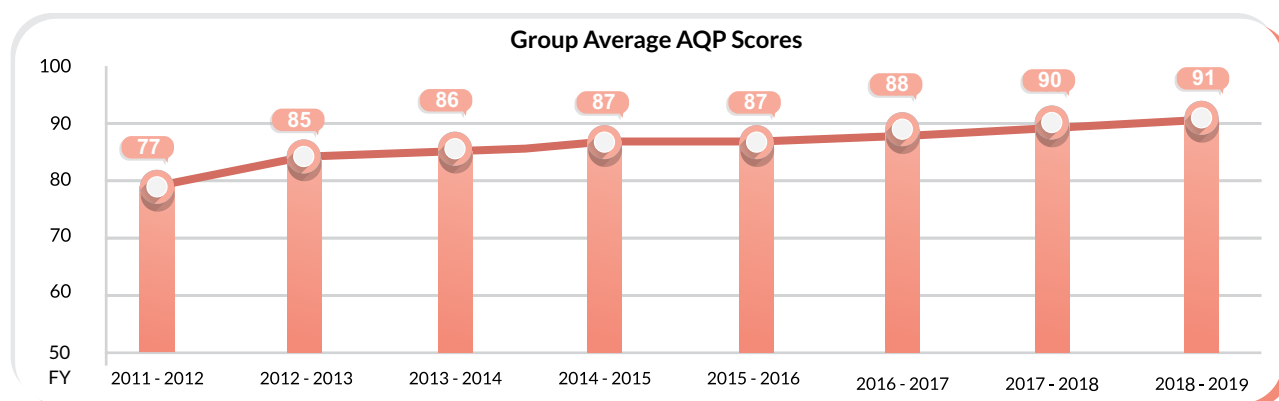
ACE 1 Champion (Group C)- Apollo Reach Hospitals, Karaikudi

Apollo Quality Program (AQP)

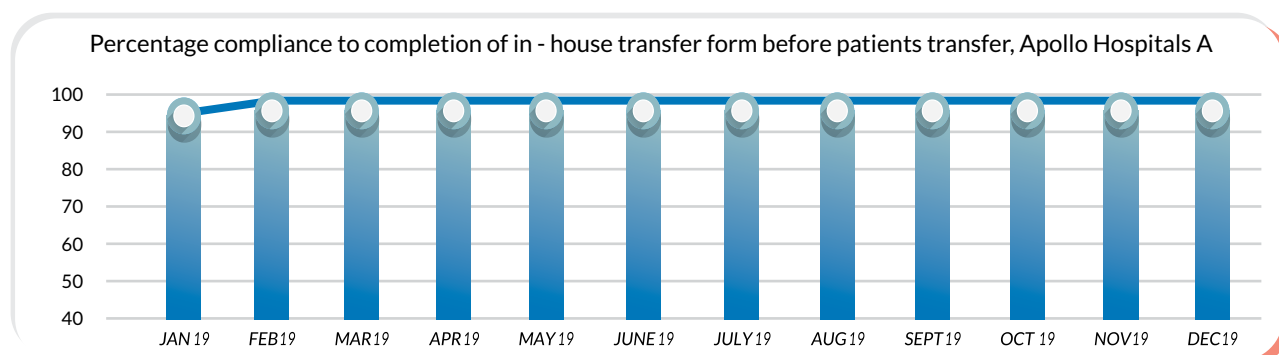
The Apollo Quality Program was started in December 2010 to implement patient safety practices in all our Apollo Hospitals irrespective of the accreditation status. It covers five broad areas: Safety during Clinical Handovers, Surgical Safety, Medication Safety, the Six International Patient Safety Goals of JCI and

Standardisation of Minimum Content of Medical Records.

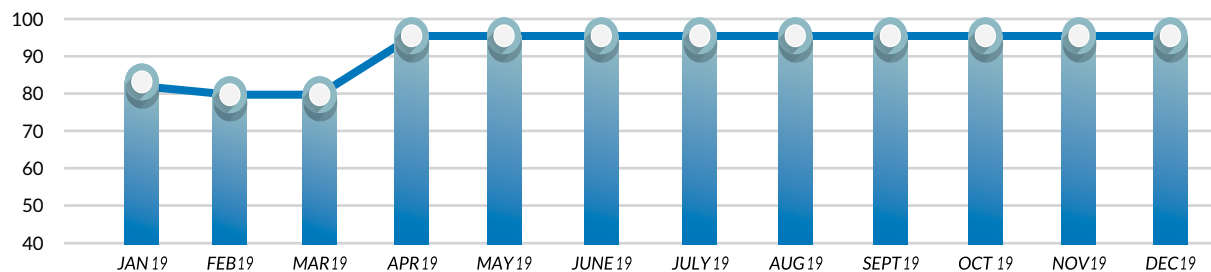
An analysis of the parameters in 2019 has shown an increase in compliance levels for various parameters. The average AQP scores at group level have also increased from 77 in FY (2011-12) to 91 in FY (2018-19).



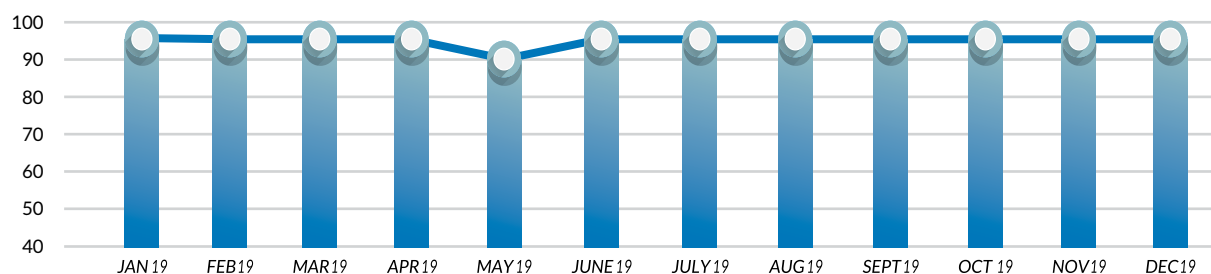
Below are a few examples of improvement at different Apollo locations:



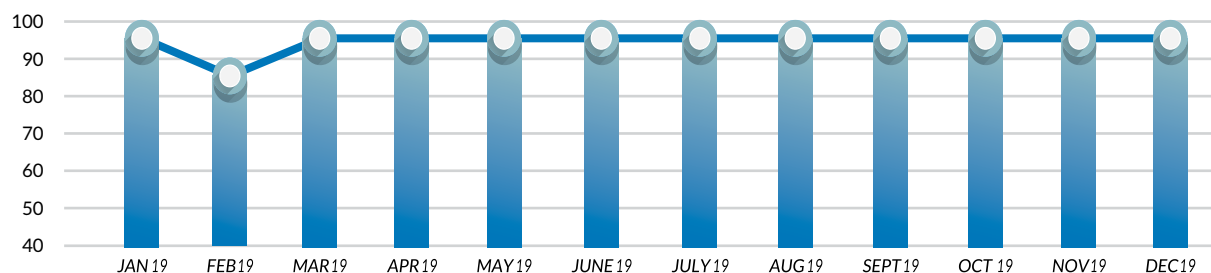
Percentage compliance to use of nursing handover form for patient handover, Apollo Hospitals B



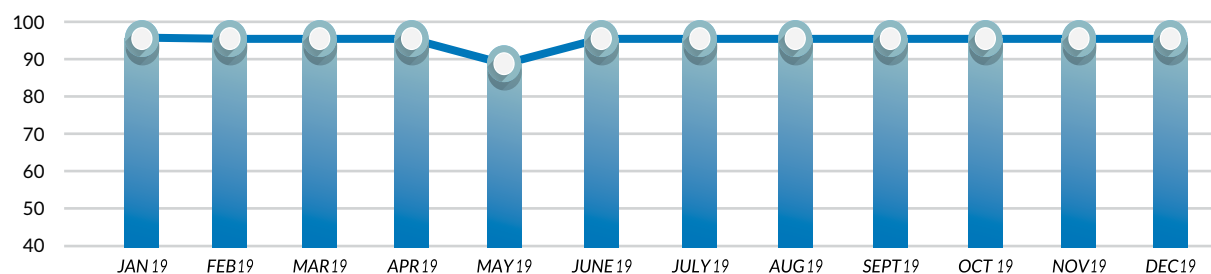
Percentage compliance to IPSG 1 two patient identifier, Apollo Hospitals C



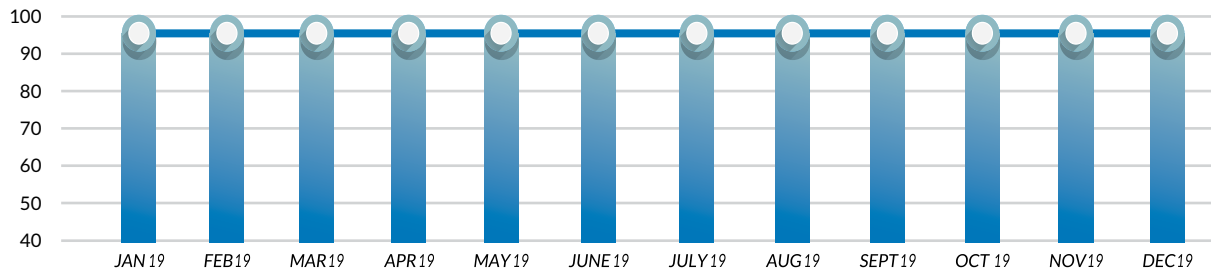
Percentage compliance to IPSG 2 read back for verbal orders, Apollo Hospitals D



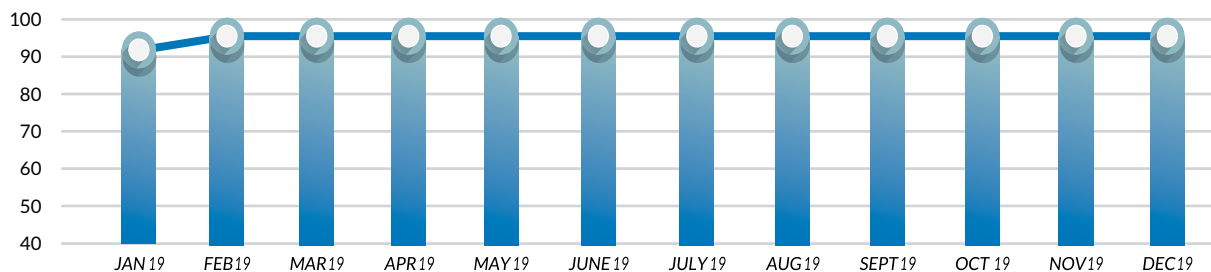
Percentage compliance to IPSG 3 safety precautions for high alert medications, Apollo Hospitals E



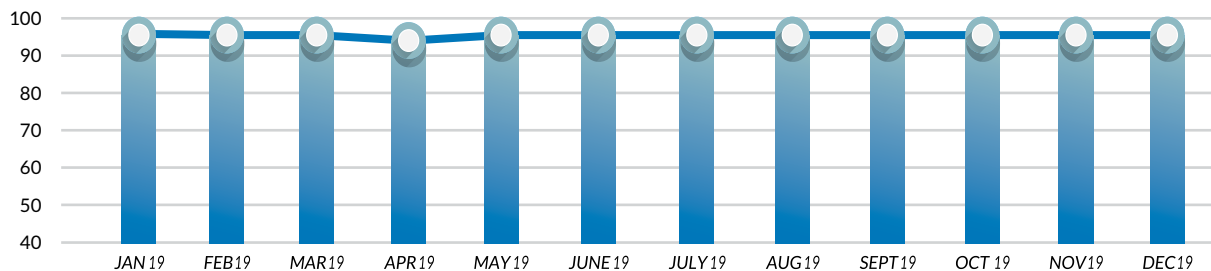
Percentage compliance to IPSG 4 measures for prevention of wrong side, wrong patient wrong procedure surgery, Apollo Hospitals F



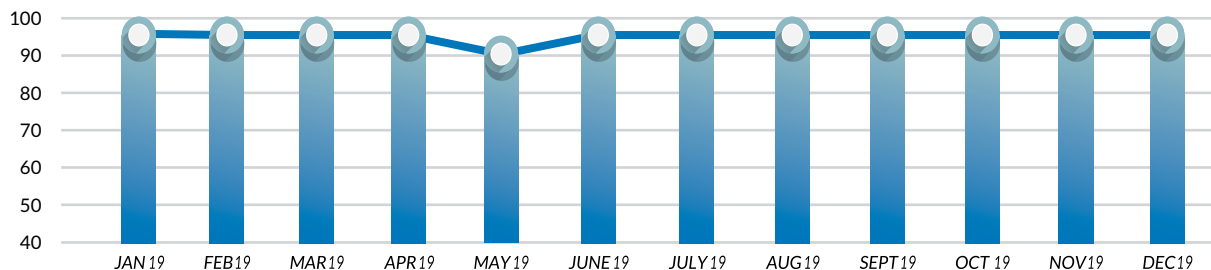
Percentage compliance to IPSG 5 hand washing, Apollo Hospitals G



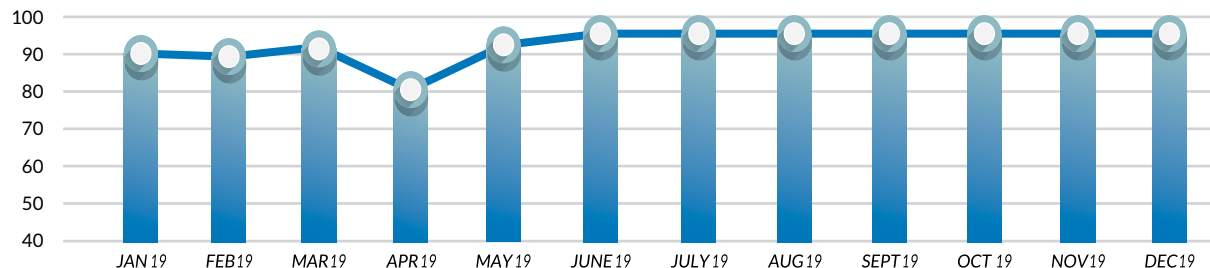
Percentage compliance to IPSG 6 falls prevention measures, Apollo Hospitals H



Percentage of patients receiving antimicrobial prophylaxis one hour before surgery, Apollo Hospitals I



Percentage compliance to minimum content of medical records on closed audits, Apollo Hospitals J



ACE Platform (ACEP)

ACE Platform (ACEP) is a standardized tool formulated by Apollo Hospitals, to share the best practices for clinical excellence and quality improvement for the benefit of the other healthcare providers outside the Apollo Hospitals Group.

The initiative is pro-bono and is aimed at enhancement of the quality of healthcare delivered across India.

The ACE platform can be used by any hospital across the country to drive quality improvement, patient safety and better clinical outcomes. ACEP comprises of important indicator sets for monitoring quality and clinical excellence along with policies which deal with the core processes in patient care.

Policies and indicators sets for implementation along with training material are shared with the affiliated hospitals.

Over 60 hospitals outside the Apollo Hospitals Group have so far implemented ACEP through affiliation and have consistently improved the implementation of quality in their respective hospitals.

Criteria for inclusion of hospitals (outside Apollo Hospitals Group) for ACE Platform

Bed strength 15 beds or more

Laboratory services

Radiology services

Fully equipped ICU with ventilator

Operation theatre services

CSSD services

Duty Medical Officer (MBBS) at night

Registered nurses

24 hours emergency services

Quality Teams Activities at Apollo Hospitals

Quality improvement at Apollo Hospitals aims at enhancing safety, effectiveness and efficiency so as to deliver excellent patient care along with best clinical outcomes. It is an ongoing process that helps to continually innovate and evolve the care delivery process through service excellence and patient safety, with the focus on improving outcomes. The challenge is to get better each year.

The Quality Improvement Program documents and reviews the current performance to clearly see the targeted areas for improvement and chart progress. All hospital employees are required to participate in ongoing and systematic quality improvement efforts.

The following were the Quality activities at a glance for the year 2019:

Competency Development

- Four workshops, seven webinars and two focused training sessions were conducted on various topics of patient safety for the benefit of the Quality Teams within as well as out of the Apollo Hospitals.

- International Patient Safety Conference was conducted at Hyderabad which was attended by more than 2700 candidates
- Mentorship Model for new joiners was implemented
- Opportunity to conduct mock JCI, NABH Survey and 360 Degree Reviews was provided to the Quality Team members across the various Apollo Hospitals

Quality Watch

The following monthly themes were observed:

- Medication Safety Month
- Facility Safety Month
- Surgical Safety
- Fire Safety
- Focus On Infection Control
- TASCC focus
- Patient safety

Accreditations

JCI and NABH accreditation and reaccreditation cycles were successfully completed at various Apollo Hospitals

Special Initiatives

- Quarterly Review with all locations
- Apollo Incident Reporting System (AIRS) implementation in all locations
- AIRS BI Dashboard for Leadership
- Project 365 Implementation
- Toolkit Implementation
- Conduct of Online Culture of Safety Survey

- Quality Staff KRAs aligned with current year AOP

Social Media

One hundred and fifty four Quality and Patient Safety videos were released on the Youtube

Sixty Blogs were released by the Quality Team members across Apollo Hospitals.

Safety Culture Survey

The Safety Meter parameters for the Culture of Safety depicted the following:

91 % of participants gave a positive grade for their work area/ unit in the hospital on patient safety

96.8% of respondents said that the teams are actively doing things to improve patient safety

93.5% of respondents said that the hospital management provides a work climate that promotes patient safety

Quality activities done on various themes at Apollo Hospitals

Medication Safety



Apollo Hospitals, Bhubaneswar



Apollo Hospitals, Hyderabad



Apollo Hospitals, Navi Mumbai



Apollo Gleneagles Hospitals, Kolkata

Infection Control



Apollo Hospitals, Bhubaneswar



Apollo Hospitals, Karapakkam



Apollo Hospitals, Vanagaram

Fire Safety



Apollo Hospitals, Bhubaneswar



Apollo Hospitals, Hyderguda



Apollo Hospitals, Navi Mumbai

Equipment Safety



Apollo Hospitals, Bhubaneswar



Apollo Hospitals, Karimnagar



Apollo Hospitals, Vanagaram

World Patient Safety Day



Apollo Hospitals, Vanagaram

Apollo Hospitals, Tondiarpet

Apollo Hospitals, Vizag

Apollo Health and Lifestyle Limited (AHLL)

Apollo Health and Lifestyle Limited (AHLL) is an Apollo Group initiative which takes healthcare services from the hospitals settings, closer to home within neighbourhood locations, in order to serve the community better. It is a network that has various healthcare business verticals like, Apollo Clinics, Apollo Cradle, Apollo Spectra Hospitals, Apollo Diagnostics, Apollo White Dental and Apollo Dialysis.

Apollo Clinic was introduced with the vision of servicing local communities and making world-class healthcare available for daily health needs in the neighbourhoods.

Apollo Sugar provides end-to-end care and management of diabetes and related complications for the community.

Apollo Cradle was the first to introduce the concept of an exclusive, standalone healthcare centre for women and pediatric care.

Apollo Spectra provides world-class surgical care that is accessible and available at an affordable cost.

Apollo Diagnostics provides a full spectrum of high precision diagnostic services based on which Apollo's healthcare practitioners design and deliver the most appropriate treatment plan to reduce patient's mortality and morbidity levels.

Apollo WHITE is a first of its kind dental care brand with a fleet of seven-star dental spas, studios, clinics and express centres spread across the country, offering everything from premium services, Avant

Garde Cosmetic Dentistry to simple and affordable dental services.

Apollo Fertility offers several specialized investigative procedures for infertility in men and women giving couples their very best chance of a successful pregnancy. Along with the state-of-the-art technology and clinical protocols that are closely monitored, Apollo Fertility gives the expertise and technology to increase the couples' chances for child bearing.

Upholding Quality at AHLL

Quality and patient safety are an inherent part of the culture at Apollo Hospitals. The patient centric services provided at the various units of AHLL further strengthened their culture by obtaining the credible seal of accreditation by the NABH.

The following clinics and hospitals of AHLL are NABH accredited:

S. No.	NABH Accredited Units of AHLL
1	Apollo Cradle, Amritsar
2	Apollo Cradle, Brookefield, Bangalore
3	Apollo Cradle, Jayanagar, Bangalore
4	Apollo Cradle, Jubilee Hills, Hyderabad
5	Apollo Cradle, Koramangala, Bangalore
6	Apollo Cradle, Motinagar, Delhi
7	Apollo Cradle, Nehru Place, Delhi
8	Apollo Medical Center, Annanagar, Chennai
9	Apollo Medical Center, Koramangala, Bangalore
10	Apollo Specialty Hospital, Kondapur
11	Apollo Spectra Hospital, Alwarpet, Chennai
12	Apollo Spectra Hospital, Gwalior
13	Apollo Spectra Hospital, Jaipur
14	Apollo Spectra Hospital, Kailash Colony, Delhi

15	Apollo Spectra Hospital, Kanpur
16	Apollo Spectra Hospital, Karol Bagh, Delhi
17	Apollo Spectra Hospital, MRC Nagar, Chennai
18	Apollo Spectra Hospital, Pune

ISO 27001 Certification for Information Security

ISO 27001:2013 standard is the recognized international benchmark for information security management. By achieving this certification, AHLL has demonstrated its commitment to Information Security Management, continuous improvement in information security standards and signalled the further

strengthening of its credentials as a world-class healthcare provider.

Quality for Excellence (Q4E) Awards 2019

The Quality for Excellence (Q4E) Programme ensures continuous quality improvement across all of the AHLL platforms and centres, through its various initiatives like Q4E Outcome Measures Programme, Q4E Surveys, Peer audits and accreditation standards implementation.

Q4E Awards are part of the Q4E programme wherein the best performing centre in terms of quality is given recognition. The winning centre is awarded a trophy during the Founder's Day celebrations, in addition to a cash incentive for every staff of the centre.

The awards were conferred by Chairman, Dr Prathap C Reddy and Joint Managing Director, Ms Sangita Reddy.



Best Apollo Cradle – Nehru Enclave, Delhi



Best Apollo Clinic – Nigdi, Pune



Best Apollo Diagnostic Lab – RRL Ashok Nagar, Chennai



Best Apollo Fertility – JP Nagar, Bangalore



Best Apollo Spectra Hospital – Karolbagh, Delhi



Best Apollo Sugar Clinic – Navi Mumbai

Apollo Continuous Medical Education Program

Continued Medical Education (CME) is an essential requirement of all practising clinicians to keep themselves abreast of the recent advancements in the healthcare.

The CMEs are also a very powerful medium to reach out to the community physicians. Various CME programs have been designed to cater to the professional development needs of the doctors with respect to their expertise level and interests. Through these programs, Apollo Hospitals was able to touch base and up-skill the knowledge and skills of the doctors practising in the community.

Apollo Clinical Program (ACP)

For General Practitioners ACP aims to up skill the General Physicians (GPs) and covers important practice areas like Non- Communicable Diseases (NCDs).

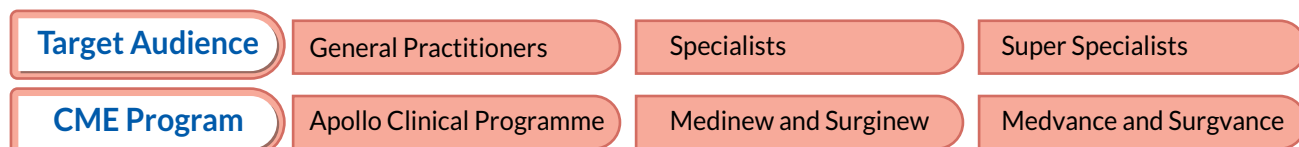
MediNew and SurgiNew

For Specialists MediNew and SurgiNew are professional development programs for specialist doctors in the field of Internal Medicine, Orthopaedics, Laparoscopic Surgery, Paediatrics, Gynaecology, ENT, Pathology and Radiology.

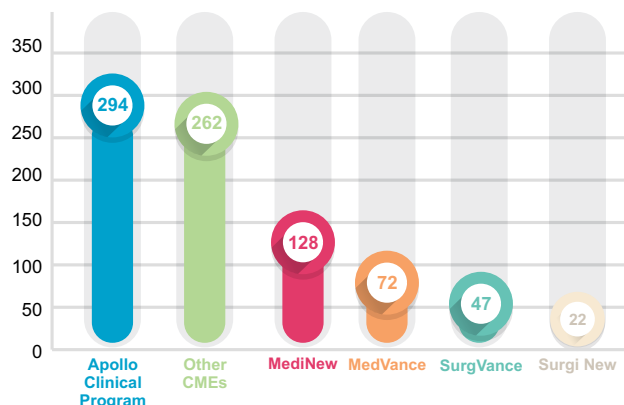
MedVance and SurgVance Program

For Super-specialists MedVance and SurgVance are designed to enhance the skills of the super-specialists. These programs provide a platform for sharing medical advancements such as innovative technologies and techniques, newer drugs and treatment protocols. This program has been designed for super-specialist doctors in the field of Neurology, Neurosurgery, Nephrology, Transplants, Oncology, Cardiology, Cardiac Surgery, Critical Care, Endocrinology, Gastroenterology, Urology and Rheumatology.

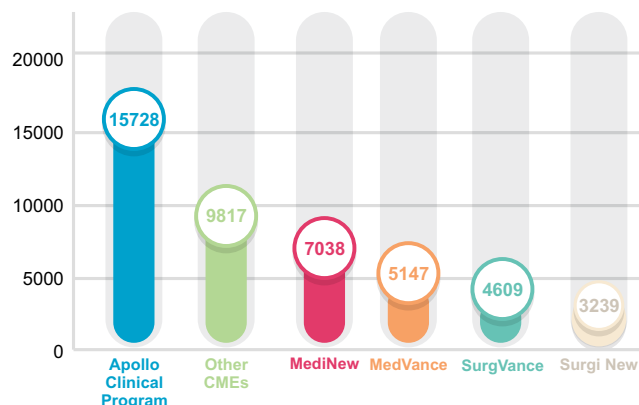
Appropriate CME Credit Points are also given by respective State Medical Councils for these programs. Partnerships with various pharmaceutical, medical devices and biotech companies have been established for effective outreach.



825 CMEs Conducted in 2019



45578 External Doctors Attended The Apollo CMEs in 2019

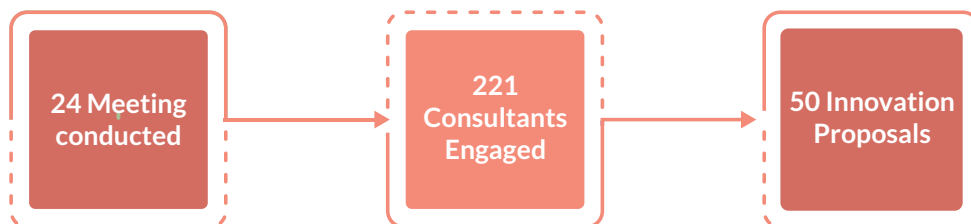


Apollo Clinical Innovation Group (ACIG)

Apollo Hospitals have been leaders in the adoption of new technology and treatment protocols. To maintain this leadership position, a structured decision making process has been developed for this emulation of new technologies in treatment processes procedures, involving stakeholders at all levels. Proposals are

recommended to senior leadership for final consensus and approvals.

ACIG has been formulated to introduce best practices and latest technologies to delineate clinical innovation for implementation across Apollo Hospitals Group. In 2019, ACIG conducted 24 meetings and engaged 221 consultants to facilitate the formulation of 50 innovative proposals.



Innovative Technologies/ Clinical Protocols Implemented in 2019

Innovation – Procedures and Processes	Implementation/availability at Apollo Hospitals locations
Video Laryngoscopy	Delhi, Hyderabad, Mumbai, Kolkata, Ahmedabad, Chennai, Bangalore
Code Fast	Delhi, Hyderabad, Chennai
Cardiac Rhythm Disorder Centre	Hyderabad, Kolkata, Chennai
Mechanical Thrombectomy	Ahmedabad, Chennai, Delhi, Kolkata, Navi Mumbai
HiPEC	Ahmedabad, Chennai, Delhi, Kolkata, Navi Mumbai
TransOral Robotic Surgery (TORS) for Sleep Apnoea	Delhi, Chennai
Prostatic Artery Embolization	Delhi, Ahmedabad
Vacuum Assisted Biopsy	Delhi, Chennai
Pharmacogenetic Testing	Delhi
Out Patient Arthroplasty	Indore, Hyderabad, Delhi
Trans Arterial Chemo Embolization	Delhi, Hyderabad, Mumbai, Kolkata, Ahmedabad, Chennai, Bangalore
Stretta – RF treatment for GERD	Chennai
Spinal Cord Stimulator	Delhi
Deep Brain Stimulation (DBS)	Kolkata, Delhi, Chennai, Ahmedabad
Mechanical CPR	Hyderabad, Chennai, Vizag
Automatic Bladder Scanner	Chennai, Bangalore, Delhi
Movement Disorder Clinic	Chennai, Kolkata
Automatic Breast Volume Scanner	Delhi, Chennai

Success Stories

• Deep Brain Stimulation (DBS) for treating Parkinson's Disease

Source: Indraprastha Apollo Hospitals, Delhi

Mrs XY was suffering from very advanced Parkinson's Disease for the last 8 years. She had worsening of all the debilitating symptoms of Parkinson's disease (PD), such as tremor, rigidity, stiffness, slowed movement, and gait difficulties. Patient was almost bedridden for last few months. After thorough evaluation she underwent DBS procedure. DBS is a surgical procedure used to treat a variety of disabling neurological symptoms for patients whose symptoms cannot be adequately controlled with medications. It uses a surgically implanted, battery-operated medical device called a neurostimulator—similar to a heart pacemaker and approximately the size of a stopwatch—to deliver electrical stimulation to targeted areas in the brain that control movement, blocking the abnormal nerve signals that cause tremor and PD symptoms.

Patient recovered significantly with DBS. She was able to walk around without support and all her symptoms improved. Later in the follow up underwent successful 'Remotely Programmed Deep Brain Stimulation' performed by her treating Neurologist at Indraprastha Apollo Hospitals.

• Day Care Total Knee Replacement

Source: Apollo Hospitals, Indore

A 52-year-old female patient Mrs. KY was suffering from medial compartment osteoarthritis since last 2 years. She was on painkillers but gradually the pain went on increasing and during the last few months' patient was home ridden and could barely walk from bed to washroom.

The various stages for the procedure followed were:

- **Pre-operative counselling** – Patient fit into the selection criteria for day-care surgery was checked

and confirmed. The patient was counselled accordingly. The option of routine hospital stay was kept open and conveyed to the patient.

- **Pre-operative planning and preparation** – Two days before surgery, two team members went to the patient house assessed the facilities. The necessary height adjustments of her bed and commode were made with extensions. The patient room and attached washroom was fumigated one day prior to surgery and the patient along with her relative were taught about strict hand hygiene that they would have to follow post-surgery.
- **The day of surgery** – Patient was admitted in the morning at 7 am was taken to O.T. at 8.30 am. The anaesthesiologist, gave lumbosacral (LS) plexus block and the surgery was performed.
- **Pain management** – This included pre-emptive, intraoperative cocktail and adequate post-operative analgesia.
- **Immediate post-operative period**- The patient had tea and biscuits in this period and came out of recovery walking with the help of walker due to a good LS block given.
- **Discharge** – The patient was discharged on same day with a home nurse and housekeeping staff support for the next 48 hours. Physiotherapy was done as per the routine protocol by physiotherapist visiting the patient at home. The patient was trained to perform her activities of daily living.
- **Recovery** – The recovery was uneventful. Walking with support was initiated in the recovery itself and she continued at her home. On the 7th post-operative day she walked without support and climbing and getting down from stairs on her own.
- **Follow Up** – Patient came for follow-up on 8th postoperative day. Range of movement was 0-90 degrees. There were no issues and the patient was happy, pain free and walking without support and climbing stairs.

Apollo Innovation and Quality Awards 2019

Apollo Innovation and Quality Awards is a platform that felicitates and rewards hospitals within the Apollo Group for their diligent efforts and innovations to persistently improve patients care, quality and safety.

Nominations for Apollo Innovations and Quality Awards 2019 were invited from all locations in seven categories:

- Excellence in Clinical Services
- Excellence in Community Services
- Excellence in Environmental Conservation
- Excellence in Finance
- Excellence in HR Practices
- Excellence in Operations
- Excellence in Patient Safety

One hundred eighty-five nominations were received from 28 units.

The nominations were judged by an esteemed panel of jury:

Excellence in HR practices

Dr Yash Pal Bhatia (Astron)

Dr Sriharsha Achar

Excellence in Finance

MS Sriram Musaravakkam

Mr Manian KBS

Excellence in Clinical Service

Dr Arun Kumar Agrawal

Dr Rana Mehta (PwC)

Excellence in Environmental conservation

Brig (Retd) KR Chakravarti

Mr Ravichandran

Excellence in Community Services

Dr Dilip Mathai

Dr Pulijala Srinivas Rao

Excellence in Operations

Mr Lalit Mistry (KPMG)

Mr Gerald Jaideep, Medvarsity

Excellence in Patient Safety

Dr JK Das (NIHFW)

Dr Girdhar Gyani (AHPI)

The winners in each category were:

Excellence in Operations	
Winner	Projects
Apollo Cancer Institute, Teynampet	Drain Bag – The Dignity Holder
Special Recognitions	
Apollo Main Hospitals, Chennai	Atellica Inventory Management - RFID Tracking System
Apollo Main Hospitals, Chennai	Implementation of Supply Chain Analytics using Microsoft Power BI
Indraprastha Apollo Hospitals, Delhi	Re-architecting Hospital Pharmacy Inventory Management system- A Novel Approach
Apollo Speciality Hospitals, Madurai	FAST TAG VISIT – First Visit
Apollo Main Hospitals, Chennai	Philips – MedMantra Digital Pathology Integration
Excellence in Clinical Services	
Winner	Projects
Apollo Hospital, Indore	Day Care Total Knee Replacement- A New Concept- First in Central India
Special Recognitions	
Apollo Main Hospitals, Chennai	Intra-Arterial Chemotherapy for Retinoblastoma
Apollo Proton Cancer Center	Total Marrow Lymphoidal Irradiation for Patients of Acute Leukemia
Apollo Cancer Institute, Teynampet	Keeping Little Hearts Strong – Cost Effective Cardiac Protection In Haploidentical Stem Cell Transplantation
Apollo Cancer Institute, Teynampet	Effective utilization of Resources – Titre Preparation is now Touching Cancer Diagnostics
Apollo Hospitals, Noida	Baby in Glass
Excellence in HR Practices	
Winner	Projects
Apollo Main Hospitals, Ahmedabad	Manpower Rationalization – On-roll Staff Cost Optimization
Special Recognitions	
Apollo Gleneagles Hospital, Kolkata	Talent Development at Apollo Gleneagles hospital Kolkata- Project LEAD

Excellence in Financial Management

Winner	Projects
Apollo Main Hospitals, Ahmedabad	Reduction in Utility cost to Improve Hospital Contribution Margin
Special Recognitions	
Apollo Specialty Hospitals, OMR	Project: Optimum Usage of Water

Excellence in Community Services

Winner	Projects
Apollo Main Hospitals, Ahmedabad	Vaccination Initiatives – Protect future of Society
Special Recognitions	
Apollo Proton Cancer Center	No food Waste @ APCC

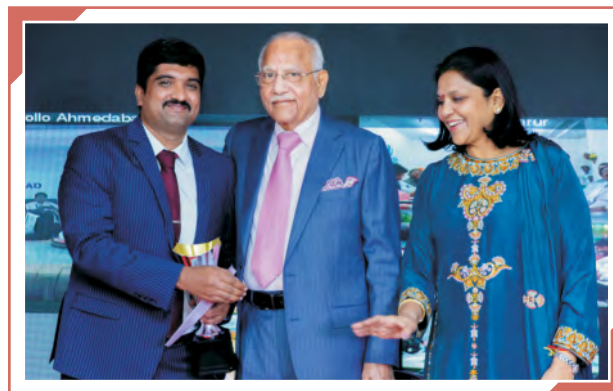
Excellence in Environmental Conservation

Winner	Projects
Apollo Cancer Institute, Teynampet	ONE ELEMENT OF NATURE – SAVES FIVE -An initiative towards effective utilisation of rain water to save water, energy, material, money and man hours
Special Recognitions	
Apollo Medics Hospital Lucknow	Leed Certification - Apollomedics

Excellence in Patient Safety

Winner	Projects
Apollo Main Hospitals, Chennai	Med Safe Zone: The path to zero harm
Special Recognitions	
Apollo Corporate	Project 365
Apollo Main Hospitals, Ahmedabad	Antibiotic Stewardship Program
Apollo Health and Lifestyle	Apollo Safety Development Model - Building a Culture of Safety in Apollo Specialty Hospitals

The awards were conferred by Chairman, Dr Prathap C Reddy and Joint Managing Director, Ms Sangita Reddy.



Presentation of Apollo Innovation and Quality Awards 2019 to the winning centres during Founder's Day Celebrations on 5th February 2020

Apollo Clinical Awards 2019

Apollo Clinical Awards is a platform that honours and recognizes Consultants who have achieved path breaking clinical, academic and research related success.

Nominations for Apollo Clinical Awards 2019 were invited from Consultants of all locations in six categories:

- Distinguished Clinician
- Distinguished Academician

- Distinguished Researcher
- Young Clinician Achiever
- Young Academic Achiever
- Young Researcher

Ninety-one nominations were received.

The nominations were judged by an esteemed panel of jury.

The winners in each category were:

Distinguished Clinician

Dr Sandeep Guleria, Senior Consultant, Transplant Surgery, Indraprastha Apollo Hospitals, Delhi

Dr. YVC Reddy, Senior Consultant, Interventional Cardiology, Apollo Main Hospitals, Chennai

Distinguished Academician

Dr. P Satishchandra, Senior Consultant, Neurology, Apollo Hospitals, Jayanagar, Bangalore

Dr. Venkatesh Munikrishnan, Senior Consultant, Colorectal Surgery, Apollo Main Hospitals, Chennai

Distinguished Researcher

Dr. Mahadev Potharaju, Senior Consultant, Oncology Radiation, Apollo Cancer Institute, Teynampet

Dr Suvro Banerjee, Senior Consultant, Cardiology, Apollo Gleneagles Hospitals, Kolkata

Young Clinician

Dr Manish Verma, Senior Consultant, Transplant Surgery, Apollo Hospitals, Hyderabad

Dr Shantanu Panja, Consultant, ENT, Apollo Gleneagles Hospitals, Kolkata

Young Academician

Dr Laxman G Jessani, Consultant, Infectious Diseases, Apollo Hospitals, Navi Mumbai

Dr Swarna Deepak, Consultant, Intensive Care Medicine, Apollo Hospitals, Hyderabad

Young Researcher

Dr Nitin Ghonge, Senior Consultant, Radiology, Indraprastha Apollo Hospitals, Delhi

Dr Sudipta Shekhar Das, Senior Consultant, Transfusion Medicine, Apollo Gleneagles Hospitals, Kolkata

The awards were distributed by Executive Vice Chairperson, Ms Shobana Kamineni.



Dr Sandeep Guleria, receiving Distinguished Clinician Award



Dr YVC Reddy, receiving Distinguished Clinician Award



Dr P Satishchandra, receiving Distinguished Academician Award



Dr Venkatesh Munikrishnan, receiving Distinguished Academician Award



Dr Mahadev Potharaju, receiving Distinguished Researcher Award



Dr Suvro Banerjee, receiving Distinguished Researcher Award



Dr Manish Verma, receiving Young Clinician Award



Dr Shantanu Panja, receiving Young Clinician Award



Dr Laxman G Jessani, receiving Young Academician Award



Dr Swarna Deepak, receiving Young Academician Award



Dr Nitin Ghonge, receiving Young Researcher Award



Dr Sudipta Shekhar Das, receiving Young Researcher Award

Share Your Story

It is important to share the best practices and innovations amongst the hospitals within the Group for continuous improvement and further enrichment. The "Share Your Story" initiative was conceptualized with a view to share best practices amongst all the units Apollo Hospitals on one chosen topic, every quarter. The topics for the quarters in 2019 and respective winners were:

Strategies implemented for preventing reporting (investigation reports) errors

Winner: **Apollo Hospitals, Dhaka**

Preventing Surgical Site Infections- Strategies Implemented

Winner: **Apollo Hospitals, Chennai**

Join Commission International (JCI) Accredited Apollo Hospitals

The following seven Apollo Hospitals are JCI Accredited:

Hospital	Last JCI Accreditation	Next JCI Accreditation
Indraprastha Apollo Hospitals, New Delhi	2017	2020
Apollo Hospitals, Hyderabad	2018	2021
Apollo Hospitals, Chennai	2017	2020
Apollo Hospitals, Bangalore	2017	2020
Apollo Hospitals, Kolkata	2018	2021
Apollo Hospitals, Ahmedabad	2016	2019
Apollo Hospitals, Navi Mumbai	2017	2020

National Accreditation Boards for Hospitals and Healthcare Providers (NABH) Accredited Apollo Hospitals

The following 30 Apollo Hospitals are NABH Accredited:

Hospital	Last NABH Accreditation	Next NABH Accreditation
Apollo Hospitals, Ahmedabad	2017	2020
Apollo Hospitals, Bilaspur	2019	2022
Apollo Speciality Hospitals, Madurai	2019	2022
Apollo BGS Hospitals, Mysore	2019	2022
Apollo Jehangir Hospital, Pune	2019	2022
Apollo Hospitals, Bhubaneswar	2016	2019
Apollo Hospitals, Secunderabad	2017	2020
Apollo Hospital, Hyderguda	2017	2020
Apollo Specialty Hospitals, Vanagaram	2018	2021
Apollo Hospitals, Kakinada	2018	2021
Apollo Hospitals Noida	2017	2020
Apollo Specialty Cancer Hospital, Teynampet	2019	2022
Apollo Hospitals, Trichy	2018	2021
Apollo Hospitals, Indore	2016	2019
Apollo Hospitals, Nashik	2016	2019
Apollo Medical Centre, Karapakkam	2017	2020
Apollo Hospitals, Navi Mumbai	2017	2020
Apollo Hospitals, Seshadripuram	2018	2021
Apollo KH Hospitals, Ranipet	2018	2021
Apollo Speciality Hospitals, OMR	2018	2021
Apollo Children's Hospital, Chennai	2018	2021
Apollo Hospitals, Vizag	2018	2021
Apollo Hospitals, Jayanagar	2017	2020
Apollo Hospitals, Guwahati	2018	2021
Apollo Hospitals, Karaikudi	2018	2021
Apollo Speciality Hospitals, Nellore	2019	2022
Apollomedics Super Speciality Hospitals, Lucknow	2019	2022
Apollo Women's Hospitals, Chennai	2019	2022
Apollo Hospitals, Karimnagar	2019	2022
Apollo Hospitals, DRDO	2019	2022

New Launches

Apollo Adlux Super Speciality Hospitals, Kochi

Apollo Hospitals launched its new 300 bedded super speciality hospital, Apollo Adlux- Super Speciality Hospital in Kochi, Kerala.

Apollo Adlux Hospital has access to world-class technologies and services, state-of-the-operation theatres, advanced laboratory and medical diagnostics including 60 ultra-modern I.C.U. beds, coronary care unit, medical ICU, surgical ICU, neonatal ICU, pediatric ICU.

The tertiary care hospital has an advanced oncology section planned for the next phase. The hospital provides 24/7 round-the-clock super speciality treatments with experienced specialist doctors. World class equipment with advanced technology like MRI, 128 slice CT scan, cardiac cathlab, mammogram etc. with state of the art laboratory and emergency facilities position the hospital as one of the best in the region. Super-speciality departments like cardiac care, trauma care, orthopaedics, neurosciences, gastrosciences, kidney, with all affiliated specialities and sub specialities are the hallmark of Apollo Adlux Hospital.



Apollo Adlux Super Speciality Hospitals, Kochi

South Asia's First Digital PET-CT at the Apollo Proton Cancer Centre, Chennai

Apollo Hospitals introduced the first of its kind Digital PET CT - Biograph Vision 600 scanning machine. The state-of-the-art scanning machine is a radioactive diagnostic agent used in positron emission

tomography (PET) imaging. It is designed for improved accuracy, performance, and reproducibility to deliver a whole new world of precision in PET/CT imaging. It helps reduce scan time and injected dose, reducing patient exposure to radiation.



Inauguration of South Asia's First Digital PET-CT at the Apollo Proton Cancer Centre

Indraprastha Apollo Hospitals, Delhi launched Radixact X9 TomoTherapy for Cancer Patients

Indraprastha Apollo Hospitals, Delhi has launched the most advanced version of Tomotherapy Radixact X9 for the treatment of cancer patients. Tomotherapy benefits cancer treatment because of its higher degree of precision, speed and accuracy. Tomotherapy is effective in treating cancer, irrespective of the stage, especially multiple metastasis.

Radixact X9 enables a fully integrated platform for adaptive radiation, planning, data management and treatment delivery. With the addition of the Radixact system, The Radiation Oncology service at Indraprastha Apollo Hospitals has become one of the best centres in the world. It complements well with

the existing Novalis TX, Clinac and Brachytherapy modalities.



Launch of Radixact X9 TomoTherapy for cancer patient at
Indraprastha Apollo Hospitals

New in Medicine

'New in Medicine' is compiled under the following five heads after studying leading medical journals, major medical news sites and numerous web sites:

- Drugs
- Clinical Research
- Devices
- Treatment Guidelines
- Healthcare Administration

New in Medicine is published monthly and circulated to all Apollo Hospitals consultants.

Ninety-two issues have been published till December 2019. It is also sent to the Community Physicians.

8th International Patient Safety Conference 2019

The International Patient Safety Conference (IPSC), is the largest annual event in India for healthcare quality and patient safety. The platform brings together eminent patient safety experts from across the world with the fundamental aim of deliberating for creation of proactive practices for healthcare systems safety.

The IPSC has become a powerful platform where best practices and innovations in patient safety are shared. A well-knit program with key note presentations, panel discussions, debates, paper and poster presentations, make the IPSC a vibrant forum for exchanging ideas and knowledge, and an opportunity to think, reflect and learn the best from the best.

The 8th IPSC was held at HICC, Novotel (INDIA) on 13th -14th September 2019. It surpassed all the earlier records and witnessed the presence of over 2680 delegates from India and 30 different countries. Over 150 scientific sessions were conducted by over 250 international and national speakers. Innovative technologies were showcased by over 44 exhibitors.

The first seven conferences were a success with 750 delegates in 2011; 800 delegates in 2012; 845 delegates in 2013; 854 delegates in 2014; 1100 delegates in 2015; 1400 delegates attended in 2016 and 1500 delegates in 2017.

The knowledge partners who supported the 8th IPSC included the Joint Commission International (JCI), Association of Private Hospitals of Malaysia (APHM), World Innovation Summit for Healthcare (WISH), British Medical Journal (BMJ), PwC India, Asian Society for Quality in Healthcare (ASQua), International Alliance of Patients' Organizations, Association of Healthcare Providers India (AHPI), National Accreditation Board for Hospitals and Healthcare Providers (NABH), National Health Systems Resource Centre (NHSRC), CAHO, Administrative Staff College of India (ASCI) and the Dabbawalas amongst the many others.

The Global Round Table was amongst the most talked about sessions. The dignitaries present were:

- Dr. Ahmadou Lamin Samateh, Hon. Health Minister of Gambia
- Ms. Ruth Maphorisa, Permanent Secretary, Ministry of Health and Wellness, Botswana
- H.E. Dr. T E Kuyseang, Secretary of State for Health, Ministry of Health, Cambodia
- Dr. Zakaria Al Alttal, Senior Consultant, International Accreditation and organizational Development, Director- Healthcare Accreditation and Clinical Quality Department, UAE
- Dr. Joseph Bulanda Nsambi, Minister of Health, Lubumbashi, Democratic Republic of Congo



Dr. Ahmadou-Lamin-Samateh, Honourable Health Minister of Gambia with Chairman, Dr Prathap C Reddy



Ms. Ruth Maphorisa, Permanent Secretary, Ministry of Health and Wellness, Botswana, at 8th International Patient Safety Conference



Dr. Joseph Bulanda Nsambi, Minister of Health, Lubumbashi, Democratic Republic of Congo with Chairman, Dr Prathap C Reddy



Ms. Paula Wilson, President, Joint Commission International, at 8th International Patient Safety Conference



Dr. Indu Bhushan, CEO, PMJAY & National Health Agency, at 8th International Patient Safety Conference



Dr. Mark Britnell, Global Chairman & Senior Partner for Healthcare, Government & Infrastructure, KPMG, at 8th International Patient Safety Conference



Mr. Anant Maheshwari, President, Microsoft India, at 8th International Patient Safety Conference



Dr. Preetha Reddy, Vice Chairperson, Apollo Hospitals Group, at 8th International Patient Safety Conference



Ms. Shobana Kamineni, Executive Vice Chairperson, Apollo Hospitals Enterprise Limited, at 8th International Patient Safety Conference



Dr. Sangita Reddy, Joint Managing Director, Apollo Hospitals Enterprise Limited, at 8th International Patient Safety Conference



Prof. William B. Eimicke, Professor of Professional Practice, SIPA Picker Center for Executive Education, Columbia University, New York, at 8th International Patient Safety Conference



Dr. Shravan Subramanyam, Managing Director, Roche Diagnostics India, at 8th International Patient Safety Conference



Dr. K. Hari Prasad - President Hospitals Division, Apollo Hospitals Group, at 8th International Patient Safety Conference



Session- The Global Round Table



Lamp Lighting Ceremony

Highlights of International Health Dialogue included addressal by Guest of Honor – Sri Etela Rajendra, Honorable Minister for Medical, Health & Family Welfare, Government of Telangana. The final addressal was delivered by Chief Guest, Dr. Tamilisai Soundararajan, Honorable Governor, State of Telangana.



Dr. Tamilisai Soundararajan, Honorable Governor, State of Telangana, at 8th International Patient Safety Conference



Sri Etela Rajendra, Honorable Minister for Medical, Health & Family Welfare, Government of Telangana, at 8th International Patient Safety Conference



Awards distribution, at 8th International Patient Safety Conference





8th International Patient Safety Conference, 2019 at Hyderabad

9th International Conference on Transforming Healthcare with IT 2019

The 9th edition of the International Conference on Transforming Healthcare with Information Technology (THIT) organized by the Apollo Telemedicine Networking Foundation (ATNF) and Apollo Hospitals Group was held at HICC, Novotel (INDIA) on 13th - 14th September 2019. The conference had over 50 eminent speakers from India and abroad, participating

in interactive sessions and educational programs. A trade exhibition showcased the latest products, technology, services and industry information.

THIT had over 500 decision-makers, as participants, from over ten countries. The participants were from the nascent healthcare IT industry, leading IT companies and healthcare institutions. National level organizations like the Indian Medical Association, Telemedicine Society of India, Computer Society of India, Indian Association for Medical Informatics and several government organizations also participated.





9th International Conference on Transforming Healthcare with IT

New and Rare Treatments/ Interesting Cases

Indraprastha Apollo Hospitals, Delhi

- Bilateral hip replacement was conducted successfully in a 53-year-old patient suffering from ankylosing spondylitis



Bilateral hip replacement successfully conducted

- A 5-year-old child from Myanmar, underwent a 10-hour long surgery to successfully repair a hole in his heart along with a leaking heart valve. For the very first time, a bypass in a small child by cannulating the groin blood vessels was successfully done



Bypass by cannulating the groin blood vessels was successfully done

- A 5-hour robotic surgery was successfully performed to remove a large vascular tumor in the kidney (Angiomyolipoma) in a 65-year-old female patient
- Lifesaving heart surgery was performed on a Nigerian child. The child was suffering from

Taussig-Bing anomaly and was cyanotic when he was brought to the hospital.

- A 45-year-old patient underwent a record third kidney transplant at Indraprastha Apollo Hospitals, Delhi. The patient's husband donated his kidney this time. They were ABO incompatible, however the team took on the challenge and performed the highly complicated transplant successfully.
- In an extremely rare case of Budd Chiari Syndrome with Biliary Atresia seen in one in a million babies, the liver team successfully performed a liver transplant on a 5-month old baby from Kakinada, Andhra Pradesh.



Liver transplant on a 5-month-old baby diagnosed with Budd Chiari syndrome was successfully performed

- A 67-year-old Nigerian national, who had lost all hope of walking again, was back on her feet after undergoing an advanced procedure, a half-knee replacement surgery, also called Oxford Knee Surgery.
- A successful arterial switch operation was successfully performed on a one-month old baby, diagnosed with rare congenital complaints of Transposition of Great Arteries (TGA), intact IVS (Intra-Ventricular Septum), Fossa Ovalis ASD and PDA. Patient recovered well and was discharged in a stable condition.
- Successful surgical removal of a massive breast tumor (2 kg) was performed in a young female patient. The patient was further treated by radiotherapy.
- Haplo-identical transplant procedure successfully performed for a patient with Fanconi anemia

-MDS

- A 3-month old female child, diagnosed with Supracardiac TAPVD (Total anomalous pulmonary venous drainage), a type of congenital heart disease, underwent successful cardiac surgery that lasted for almost seven hours



Child with Supracardiac TAPVD underwent successful cardiac surgery

- A 3-week-old baby girl with rare heart condition- Anomalous Left Coronary Artery from the Pulmonary Artery (ALCAPA) was successfully managed by the intensivists of Indraprastha Apollo Hospitals. The baby had presented to the emergency department of Indraprastha Apollo Hospitals with cardiac arrest and was immediately resuscitated and stabilized.
- A one-year-old infant from Uzbekistan diagnosed with 'laryngeal web formation', a rare anomaly, underwent successful corrective surgery and his voice was restored.



Formation of laryngeal web in the trachea was successfully operated

- A high risk surgery was successfully performed to remove the blood clots from the lungs of a 22-year-old engineer who was brought to the emergency department of Indraprastha Apollo Hospitals,

Delhi, in an unconscious state with extreme cardiorespiratory failure

- A 35-year old patient from Uzbekistan was able to regain his voice after 15 years following laser surgery. The previous surgery to treat his thyroid condition had led to complications which damaged both his airways and vocal cords.
- A 73-year old patient was successfully treated for multiple artery blockages via multiple stenting through a keyhole surgery.



Multiple artery blockages successfully treated by multiple stenting through keyhole surgery

- An 8-month old child from Congo, diagnosed with a congenital heart disease, Truncus Arteriosus type 3, underwent successful heart repair surgery. The patient was discharged in a stable condition.
- A new methodology, to treat diabetic foot ulcers and open wounds, was introduced. The local antibiotic delivery method was improvised using Vitamin D3 impregnated with Tobramycin or a combination of Vancomycin and Tobramycin as carrier molecule. The innovation has been submitted for publication in an International Journal.
- A hybrid procedure, intra-operative ERCP guided and controlled dilatation of the strictured hepatico-jejunostomy in a pediatric liver transplant recipient was successfully performed.
- ABO mismatch allogenic peripheral blood stem cell collection was successfully performed on a 6-month old baby (donor) weighing 7 Kg. The collection was performed to treat the 3-year old sibling who was suffering from severe Aplastic

Anemia. This was one of the youngest allogenic peripheral blood stem cell collection in the country. Both recipient and the donor were discharged from the hospital in a normal condition.

- A 12-year old Uzbek child regained his voice, after 10 years' post-fall where he incurred critical injury to his head. A rare reconstructive surgery was performed to correct the subglottic stenosis which was technically challenging.



Subglottic stenosis was successfully treated by reconstructive surgery

Apollo Main Hospitals, Chennai

- Apollo Hospitals, Chennai became the first centre in India to perform minimally invasive- Robotic Hybrid Revascularization surgery to treat blocks in two major blood vessels to improve blood flow to the heart. The cutting-edge procedure gave a new lease of life to a 63-year-old female patient from Chennai.



Cutting-edge procedure was successfully performed

- Four patients in their 80s recovered from complex coronary lesions and valve disorders after undergoing through some of the latest procedures namely Complex PCI, Mitra Clip, Transcatheter Aortic valve implantation (TAVI) and Rotablation.



Complex PCI, Mitra Clip, Transcatheter Aortic Valve Implantation (TAVI) and Rotablation was successfully performed

- Apollo Hospitals, Chennai became the first center in India to successfully perform a Trans-femoral Pulmonary Valve Implantation. The implanted valve was Indian made. The procedure was performed on a 26-year-old female patient who presented to the Hospital with symptoms of breathlessness and was diagnosed to have Tetralogy of Fallot.



Trans-femoral pulmonary valve implantation was successfully performed

- A Robotic TLH – hysterectomy for a 16 weeks' fibroid uterus was performed as day surgery
- Surgeons at Apollo Hospitals, Chennai, excised a rare bone-eating tumour, Desmoplastic Fibroma, from the ankle of a 19-year-old patient from Bangladesh



Successful excision of a rare bone-eating tumour, Desmoplastic Fibroma, from the ankle

- Trans Catheter Aortic Valve Replacement (TAVR) procedure was successfully performed on an 82-year-old ex-Army Major General who suffered severe aortic stenosis due to surgical valve failure.
- India's first VenaSeal procedure to treat varicose veins was performed at Apollo Hospitals, Chennai. The procedure was performed on a 40-year-old male patient using VenaSeal closure system. VenaSeal closure system is a minimally invasive treatment option that permanently treats varicose veins of the legs by sealing the affected superficial veins using an adhesive agent.
- A fully awake craniotomy with neurophysiology monitoring was performed successfully to remove a tumor adjacent to motor cortex of brain



A fully awake craniotomy with neurophysiology monitoring was performed successfully

- Robotic assisted minimally invasive CABG was successfully performed and the patient was discharged within 48 hours' post-surgery



Robotic assisted minimally invasive CABG was successfully performed

- Revival of Out of Hospital Cardiac Arrest (OOHCA) emergency patients was successfully performed for patients aged 78 years and 60 years.



Revival of Out of Hospital Cardiac Arrest (OOHCA) emergency patients was successfully performed

- Doctors at Apollo Hospitals, Chennai restored the crushed face of 23-year-old after a massive accident.
- For the first time in Asia, three Mitral Clip procedures were successfully performed on a single day.
- New investigation regime was introduced by the Department of Biochemistry for use in the diagnosis of autoimmune thrombotic disorders and other lupus-like diseases.
- A new Corindus Vascular Robotic system was installed in the Cathlab.
- Port Access Mitral Valve replacement (MICS) was successfully performed on a 78-year-old patient.

Apollo Hospitals, Indore

- Dual layer stent, C guard carotid stent was used for the first time in central region for treating a patient with both ischemic heart disease and stroke with severe left internal carotid artery stenosis
- L5 foraminotomy and discectomy in a patient weighing 135 kg was performed. The patient was discharged on the 4th day with disappearance of all symptoms
- Aortic dissection repair with aortic hemi-arch reconstruction was performed successfully in a 36-year old female suffering from chronic kidney disease
- Total thyroidectomy with bilateral radical neck dissection was successfully performed to treat a

patient with a rare condition of huge thyroid swelling with extensive neck node metastasis.

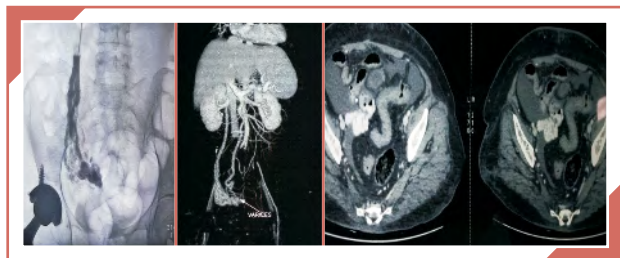
- Bilateral Total Knee Replacement was successfully performed in a 60-year-old female patient diagnosed with Arnold Chiari Malformation
- For the first time in Central India, Nailfold Capillaroscopy (NFC) with digital microscope was used as a diagnostic technique for cases of systemic sclerosis and autoimmune CTDs
- First Day Care Total Knee Replacement in Central India was successfully performed in a 52-year old female patient having osteoarthritis of left knee joint.
- Diagnosis and treatment of a rare condition Henoch- Schonlein Purpura (HSP) in an 8yr old male patient having complaints of severe pain abdomen and rashes both lower limbs
- Re-implantation surgery of a totally amputated left-hand was successfully performed for a patient
- Successful management of a rare condition 'Methemoglobinemia due to Metoclopramide' in a 59-year-old male patient, a known case of carcinoma bladder post-radical cystectomy and bilateral uretero-sigmoidostomy
- Successful surgery performed for a premature and extremely low birth weight baby of 1.3 kg with a 5 mm PDA. The baby gained weight post discharge
- TAVI was successfully performed in a 79-year-old female patient who underwent CABG with AVR about a year back. She had developed re-stenosis of prosthetic valve. This was the first case of TAVI in Madhya Pradesh.
- In a rare case scenario, Fosfomycin was used for fighting MDR Klebsiella pneumonia in CSF in a 55-year old patient, who was operated for acute hydrocephalus secondary to colloid cyst at foramen of Monro. The infection in the CSF was not responding to Meropenem and Colistin. However, after the 14 days' treatment with Fosfomycin, the patient was discharged in a stable condition.
- A 53- year old female patient, successfully

underwent Naifold capillaroscopy (NFC) after being diagnosed with Morphea Profunda; a rare localized form of Scleroderma associated with limited cutaneous systemic sclerosis and Raynaud's phenomenon.

- Bilateral TKR under lumbosacral block was successfully performed in a 77-year-old male patient with history of PTCA with severe mitral regurgitation, LVEF 45% and ankylosing spondylitis.
- A rare case of Ocular Sarcoidosis was diagnosed and successfully managed

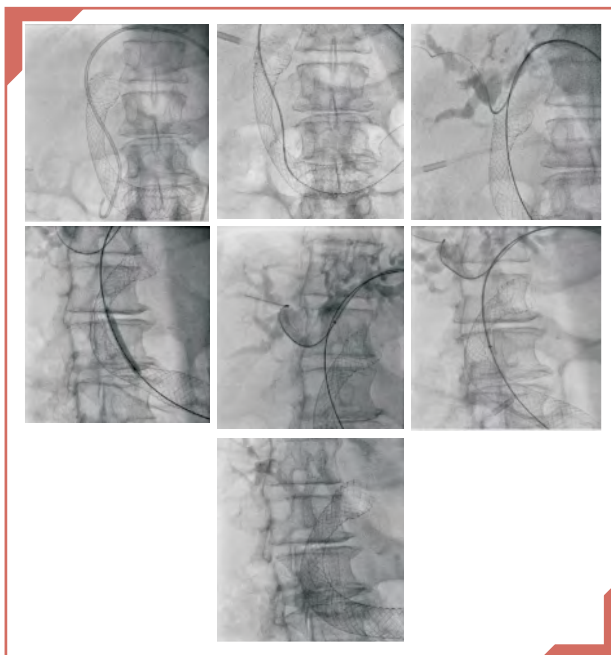
Apollo Gleneagles Hospitals, Kolkata

- Successful treatment of a rare undetected presentation of laryngeal papilloma in a 2.5 year-old male child. Post-surgical treatment, the patient showed remarkable improvement.
- TARE (Trans Arterial Radio Embolization with Yttrium-90) was successfully performed for the first time in Eastern India.
- Flow diverter placement in left V4 vertebral artery aneurysm was successfully performed in a 41-year old female patient
- Para-duodenal hernia, a rare cause of intestinal obstruction was successfully treated in a 34-year old patient
- BRTO (Balloon-occluded Retrograde Trans-Venous Occlusion) procedure for the treatment of bleeding collaterals was successfully performed on a 55-year-old female patient with history of repeated bleeding from the small intestine resulting in repeated drop in hemoglobin and requiring frequent transfusions



Balloon-occluded Retrograde Trans-Venous Occlusion, procedure was successfully done

- Percutaneous Y biliary stenting through single-port was performed successfully for a 56-year-old female patient, a known follow-up postoperative case of cancer.

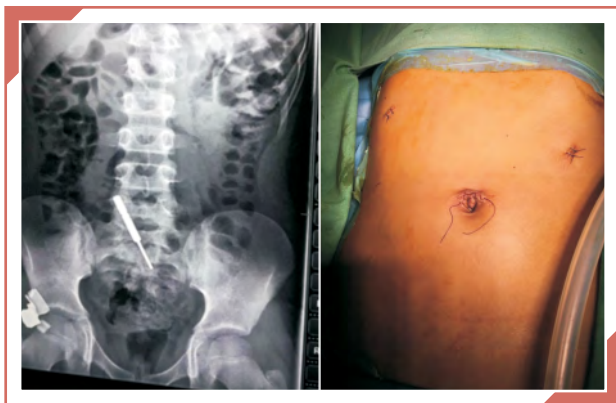


Percutaneous Y biliary stenting through single-port was performed successfully

- Apollo Gleneagles Hospitals, successfully performed venoplasty and permacath insertion in a 38-year-old female patient, who was on haemodialysis and was suffering from superior vena cava syndrome.
- For the first time in Eastern India, Apollo Gleneagles Hospitals, Kolkata conducted three renal transplants simultaneously on a single day. Out of the three transplants, one organ was harvested from deceased donor and the other two were live donations.
- The family of a 19-year old, brain dead female patient at Apollo Gleneagles Hospitals, Kolkata, donated the liver and kidneys to save lives of 3 patients. The liver and the kidney were transplanted in a 59-year-old male patient and a 30-year-old female patient, respectively, at Apollo Gleneagles Hospitals. The second kidney was donated to a patient in a nearby hospital in the city.
- A 59-year-old male diagnosed with jejunal lesion with active bleeding, successfully underwent

power spirus enteroscopy and hemostasis was achieved by the application of hemoclips. This was the First case in India where hemoclips were applied through power spirus enteroscope.

- Three hernias in a patient were repaired robotically at Apollo Gleneagles Hospitals, Kolkata. A live feed from the operating theatre was shared with participants in a conference
- A 7-year old boy with a history of accidental ingestion of screw-driver, followed by 2 episodes of vomiting, successfully underwent laparoscopy assisted removal of the foreign body from the small intestine.



Laparoscopy assisted removal of the foreign body from the small intestine was successfully done

- A 64-year-old man with extensive de-gloving and muscle injury over his forearm after a road traffic accident, successfully underwent reconstruction of all exposed areas using regenerative biodegradable temporizing matrix (Novosorb BTM) and dermal regenerative template (Integra). This was the first case of successful use of regenerative matrix as a flap alternative in India.
- A complex surgery to treat advanced squamous cell carcinoma of temporal bone with metastatic deposits to neck, parotid and skin infiltration was successfully performed in a 48-year-old male patient. The incidence of temporal bone cancer worldwide is one in a million. The arduous procedure took 8-hours to complete and the technique included left lateral temporal bone resection+ wide local excision + resection of TM joint+ radical parotidectomy+ MRND+ reconstruction with scalp rotation flap and SSG. The patient recovered without any complications.

- Biocellular regenerative therapy and tissue engineering with bio scaffolds was successfully utilized for reconstructing and salvaging complex lower limb Injuries in a 29-year-old male patient who suffered a road traffic accident and massive muscle injury over the thigh and knee extensor mechanism.



Biocellular regenerative therapy and tissue engineering with bio scaffolds was successfully utilized in RTA

- Composite laser therapy of hypertrophic scars and scar contractures was successfully performed as an alternative to excisional scar surgery on a 30-year-old lady suffering from post-burn hypertrophic scars and contractures. This innovative scar treatment was performed for the first time in the world.



Fig. 1: A 30-year-old female patient suffered deep flame burns during a house fire in childhood. She presented with severe hypertrophic and contracted scars over her face, neck, chest and right axilla. Raised, erythematous, contracted, hypertrophic scar band over the pre-auricular region of her cheek is indicated by red arrows. Contracted, dyspigmented scarred tissues over her jawline and upper neck is indicated within the region between black arrows.



Fig. 2: Lazy S-shaped intra-scar incisions has been made over the preauricular hypertrophic scar band with an incisional handpiece of CO2 Laser machine (Acupulse, Lumenis). White arrows indicate the 3 incisions. Note how the hypertrophic band of scar has flattened and lengthened immediately.



Fig. 3: 6 months after 2 incisional laser treatments and simultaneous fractional CO2 resurfacing procedures, the patient's appearance has normalized significantly. Pre-auricular scar band has disappeared in most parts, as indicated by red arrows. Contracted and scarred region over her jawline and neck has become more relaxed, supple and with less pigmentary problems, as indicated within the region between black arrows. No scar tissue has ever been

Apollo Hospitals, Navi Mumbai

- Transcatheter Aortic Valve Replacement (TAVR), a percutaneous procedure, was successfully performed in a 78-year-old male patient, at Apollo Hospitals, Navi Mumbai. The patient could not undergo open heart valve replacement surgery due to co-existing health issues.

- "Watchman Left Atrial Closure Device Implantation" was successfully performed on an 83-year-old female patient from east Africa with non-valvular atrial fibrillation and high risk of stroke. She had earlier developed intracranial bleed due to oral anticoagulants. This was the second such implantation in the Mumbai region.
- Heart transplant was successfully performed, for the first time at Apollo Hospitals, Navi Mumbai
- A 33-year-old man brain-dead gave a new lease of life to four persons at Apollo Hospitals, Navi Mumbai. The harvested heart was transported to Chennai for a patient. The liver and one kidney were transplanted in patients at Apollo Hospitals itself, while the other kidney was donated to a patient in a neighbouring hospital.
- Successful management of an 81-year-old patient who had presented with cardiogenic shock and was a known case of Parkinson's disease, DM, HTN and old CVA. Post revival a PTCA revealed 100% blockage in right coronary artery which was treated.
- A 52-year old female patient, a case of lithium toxicity with unusual symptoms was successfully managed.
- A 24-week old baby, weighing 760 gms, with severe RDS, chronic lung disease, extremely preterm and having neonatal sepsis and jaundice was successfully managed.
- A 55-year old male patient with cardiogenic shock and post CPR from outside hospital, was successfully managed. Post stabilization, he was diagnosed and hypoxic brain injury. Medical management was done in the ICU. Patient was shifted to the ward with good prognosis.
- A 70-year old male patient with VSD and 6.5 mm defect with TR was successfully managed by the CTVS team.
- Complex procedure TAVI was successfully performed on 73-years-old female patient with severe aortic stenosis using Indian made valve
- TAVI successfully performed in an 82-year-old patient
- Liver transplant for a 4-month old infant was successfully performed at Apollo Hospitals, Hyderabad
- Apollo Hospitals, Hyderabad, successfully implemented the Extra Corporeal Carbon Dioxide Removal (ECCO2R) for the treatment of a patient with severe ARDS refractory instead of conventional treatment. This is the first ever case across India where (ECCO2R) was used successfully.
- IVUS guided bifurcation PTCA successfully performed in a patient with left main disease and in-stent restenosis. Patient was a known case of triple vessel disease with severe LV dysfunction, acute kidney injury, heart failure functional class II.
- "Split Liver Transplant" was performed successfully. Liver donated by a 37-year-old brain-dead patient was split into two and transplanted into two adult recipients (64 years and 53 years) suffering from liver cirrhosis. Both the recipients were discharged from the hospital after successful liver transplants.
- Cranioplasty was successfully performed using computer assisted 3-D printed titanium implant.
- Apollo Emergency Medical Team, successfully managed an emergency delivery of a baby in an ambulance. Apollo Team was intimated about an emergency landing of Cebu Pacific Airlines' scheduled Flight from Dubai to Manila at Hyderabad airport in early hours of due to a medical emergency. The patient, a 26-years-old, 37 weeks' pregnant female patient was complaining of severe abdominal pain and bleeding PV. While the patient was being she to the hospital, she went into active labor and the baby was delivered in the ambulance itself. On reaching the hospital, the mother and the baby were stabilized.

Apollo Hospitals, Hyderabad

- Left atrial appendage closure successfully performed in 68-year-old male patient
- Percutaneous stenting of Fontan conduit to treat

protein losing enteropathy was successfully performed in a 15-year-old adolescent patient with complex congenital heart disease.

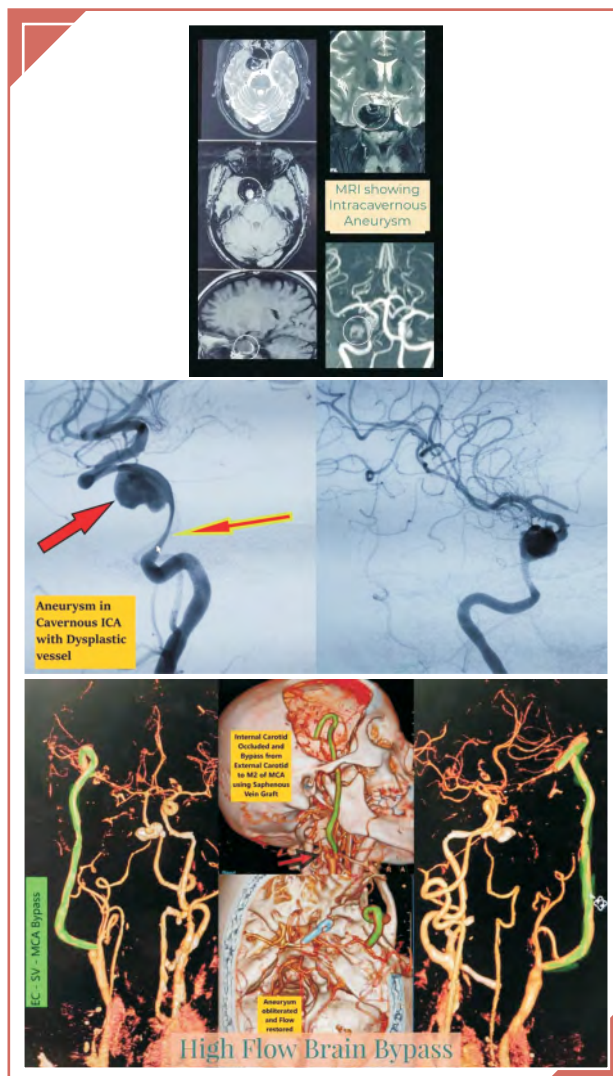
Apollo Hospitals, Madurai

- Neuroendocrine carcinoma, a rare malignancy in the thorax was successfully diagnosed and treated in a 27-year-old male patient.
- Self-expanding metal stenting (SEMS) was successfully performed in a 45-year old female patient diagnosed with oesophageal squamous cell carcinoma and presented with stridor and respiratory failure. Ventilator support was removed for the patient post this treatment.
- Successful diagnosis and treatment of a 1-year-old baby suffering from Moya Moya disease with bilateral temporo parietal ischemic changes, a rare condition
- Diagnosis and treatment of a rare case of malignant pleural effusion without obvious lung mass (Tumor in situ) in a 45-year-old female patient, who presented with breathlessness since 8 months.
- A less invasive balloon tracheoplasty was successfully performed on a 25-year-old male patient to make his airway patent. The patient was having having post RTA head injury with prolonged ventilatory support since 4 months. The patient had presented with critical airway narrowing.



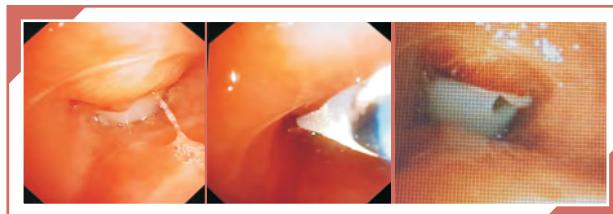
A less invasive balloon tracheoplasty was successfully performed

- Apollo Specialty Hospitals, Madurai recently performed a complicated procedure on a 50-year-old-woman with brain aneurysm. The aneurysm of the woman was particularly rare due to its 'giant' size and the location where it occurred. To treat the condition, the doctors performed a procedure called 'high flow brain bypass surgery'.



High flow brain bypass surgery for brain aneurysm was successfully performed

- Cryo ablation of Tracheal Granuloma was successfully performed for a 17-year old patient. The patient had developed granuloma due to prolonged ventilation



Cryo ablation of Tracheal Granuloma was successfully performed

- CABG surgery was successfully performed using a less invasive procedure, the endoscopy technique.

Apollo Hospitals, Guwahati

- Navigated percutaneous fenestrated cannulated pedicle screw rod fixation and simultaneous augmented vertebroplasty was performed successfully in an elderly frail lady. The patient had a history of severe LBA with recent fall. She sustained multi-level osteoporotic vertebral compression fractures with with dorso-lumbar acute kyphosis and had presented with weakness of legs with autonomic disturbances secondary to cauda equina syndrome. The patient recovered well in post-operative period with good neurological status. This is the first of such innovative spinal fixation system in north-east India, performed in MISS (Minimally Invasive Spine Surgery) protocol.
- Neuro navigation guided minimally invasive orbital tumor decompression via limited lateral orbitotomy was successfully performed to treat a 34-year-old male patient with history of left eye proptosis with orbital bruit.
- Dominant side FTOZ skull based craniotomy with Simpson grade 1 tumor excision and reconstruction post tumor embolization under GA, was successfully performed for a middle-aged female patient, having symptoms of gradual deteriorating sensorium and dimness of vision. This was the first of its kind in procedure in the North East region.
- An elderly male patient with injury to back with paraplegia, with advanced Parkinson's disease and ankylosing spondylitis was successfully managed. Percutaneous titanium pedicle screw rod fixation followed by distraction and decompression of the spinal cord was performed using "Make in India" implants. This was first such case in the region.
- A complex surgery to remove a tumor from the heart of a 54-year-old female patient through minimally invasive approach was successfully performed for the first time in Northeast India. The large tumor was situated inside the left chamber of the heart and was occluding a heart valve.
- A young child successfully underwent programmable cysto peritoneal shunt placement, with programmed pressure setting of 45 mmHg. As

per "Medtronic" data base, this was first such indigenous procedure. The patient had presented with headache, vomiting, and cough due to recurrent posterior fossa with brain stem compression. He was operated three years ago for posterior fossa benign cyst.

Apollo Hospitals, Bangalore

- Hip replacement was successfully performed in a 98-year-old lady



Hip replacement was successfully performed

- Obturator bypass revascularization of lower limb was successfully performed
- Liver transplant was successfully performed at Apollo Hospitals, Bangalore in an 18-year-old female patient suffering from Wilson's disease.
- A 15-year old boy with severe blood loss due to a critical stab injury on the left side of the neck was stabilized and successfully treated through an innovative procedure -Coil Embolization.
- An 80-year-old post- CABG patient, with recurrent syncope, heart failure with QRS duration of 180 msec was successfully managed. An HIS-CRTD was implanted, achieving a QRS duration of 90 msec. Patient improved significantly with no subsequent episodes of syncope.
- Robotic bariatric surgery was successfully performed on a 49-year-old female patient with hypertension, dyslipidemia, borderline diabetes and BMI of 43.

Apollo Cancer Institute, Teynampet

- A 25-year old male patient was successfully managed for primary posterior mediastinal liposarcoma, a very rare tumour
- PIPAC (pressurized intra peritoneal aerosolized chemotherapy), a novel technique of chemotherapy delivering system was successfully adopted for a patient diagnosed with adenocarcinoma
- Diagnosis of a rare condition, 'Invasive Fungal Infection with Scattered Granulomatous Inflammation Demateucus (Pigmented) Fungal Organisms' in a 23 year old male patient. The patient had complaints of headache since 2 months and the MRI brain revealed peripheral enhancing space occupying lesion in left temporal lobe. The patient underwent Left Frontotemporal Craniotomy and Total Excision of the Lesion. Post-operatively he was treated with antifungal medications and did not have any neurological deficit at the time of discharge.
- A 60-year-old patient with carcinoma of gall bladder was successfully treated with Cytorreduction and HIPEC.
- Right Parietal Craniotomy-Interparietal Sulcal approach was successfully performed on a 38-year-old male patient diagnosed with Meningeoma WHO – II.

Apollo Hospitals, Vizag

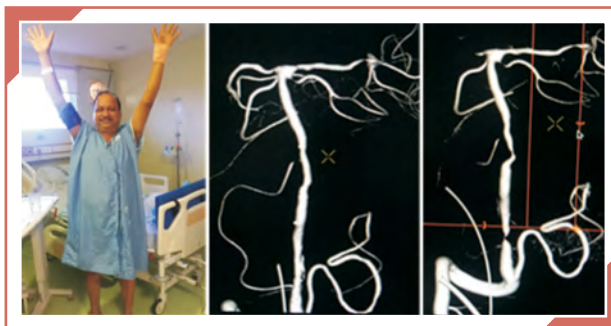
- Limb salvage surgery with megaprosthesis implant successfully performed in a 13-year-old male diagnosed with Osteosarcoma of lower end of right femur.
- Transcatheter Aortic Valve Implantation (TAVI) was successfully performed in a 68-year-old male patient, with a history of CAD, post CABG, post PTCA, hypertension, hyperlipidemia, APD with

shortness of breath (grade II), orthopnea and severe calcific aortic stenosis.

- Three cadaveric liver transplants and one cadaveric kidney transplant were done successfully in a span of six days.
- A newer technology, VITEK 2 for automatic bacterial identification and antibiotic susceptibility testing was introduced.
- A 63-year-old female patient diagnosed with complete heart block and with Single Vessel Disease, successfully underwent physiological pacing of left bundle. This procedure was the first of its kind in the state of Andhra Pradesh.

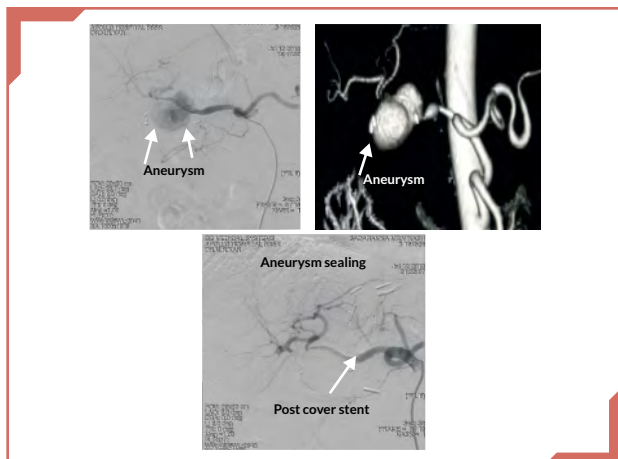
Apollo Hospitals, Bhubaneswar

- Alcohol Septal Ablation (ASA) procedure was successfully performed by the cardiac sciences team, on a 35-year-old male patient who presented with breathlessness on exertion, palpitation and chest discomfort for last two months. The procedure was done for the first time in the state of Orissa.
- Intra cranial stenting successfully performed in a 53-year-old male patient. The stent used for this patient was specially designed for brain arteries and was recently launched in India. This was the first such case in eastern part of India where neuro-specific stent (Credo stent with neuro speed balloon) was used.



Credo stent with neuro speed balloon

- An anastomotic site large aneurysm was sealed by 2 cover stents in a transplanted liver. This was the first such case in the State of Odissa.



Large aneurysm was sealed by 2 cover stents was successfully performed

Apollo Hospitals, Mysore

- Life-saving procedure, Extra Corporeal Membrane Oxygenation (ECMO) was performed successfully on a 36-year-old female patient with severe breathing difficulties
- A large stone was successfully removed from the bile duct of a 59-year old male patient suffering from liver cirrhosis using SPY Colangioscopy with Electrohydraulic Lithotripsy

Apollo Hospitals, Bilaspur

- Surgical procedure to correct diaphragmatic hernia in one-day old baby was successfully performed
- An incompatible kidney transplant, was successfully performed. An AB+ mother donated kidney to her son whose blood group was A+.

Apollomedics Hospitals, Lucknow

- Awake aortic valve replacement was successfully performed in a 28-year-old male patient. This was the first such case in the state Uttar Pradesh.

Apollo Hospitals, Noida

- An unusual pediatric case of imperforate hymen with hematocolpos was diagnosed and successfully treated in a 11-year-old female patient who presented with complaint of abdominal pain for a few months.

Apollo Hospitals, Seshadripuram

- A 10-year-old male child suffering from seizures accompanied by sudden onset of laughter and loss of loss of consciousness for 20 times a day, was successfully treated. The patient underwent an epilepsy surgery with excision of the abnormal dysplastic area, using the electrocorticographic guidance technique. The seizures stopped immediately after the surgery.

Apollo Children's Hospital, Chennai

- The medical team of Apollo Children's Hospitals successfully treated the life-threatening health complications of a pre-term baby boy, born in November 2018. The baby, at birth was diagnosed with a hole in the heart followed by sepsis, recurrent lung collapses, rare cancerous tumour in the liver and abnormal fusion of his skull bones. He underwent a series of procedures and chemotherapy throughout the treatment period for 8 months. He was discharged from the hospital, on completion of chemotherapy.

Apollo Hospitals, Kakinada

- A rare heart disease, Rupture of Sinus of Valsalva (RSOV) was treated with minimal invasive technique for the first time at Apollo Hospitals, Kakinada.

Centers of Excellence (COEs)

Apollo Hospitals has dedicated Centers of Excellence (COEs) for several key specialties and super-specialties. These Centers of Excellence are unique in terms of their service spectrum and are spread across the various Apollo Hospitals locations:

- Cardiac Sciences
- Orthopedics
- Neurosciences
- Oncology
- Transplant
- Emergency

Key differentiating factors for Centers of Excellence



Center of Excellence – Cardiac Sciences

The Apollo Hospitals is performing a multitude of treatments and procedures in cardiology and cardiothoracic surgery. The pioneering work for the prevention and treatment of cardiac diseases has led to the achievement of better outcomes and improved quality of life for thousands of cardiac patients who visit us each year with complex heart problems. Apollo Hospitals has third generation Cath Labs, Cardiac Critical Care Units and Intensive Care Units for support.



Cardiac services are offered at 34 units:

Ahmedabad
Bangalore
Bilaspur
Bhubaneswar
Chennai
Delhi
Hyderabad
Kolkata
Madurai
Navi Mumbai
Vizag
Secunderabad
Karimnagar
OMR - Chennai

Seshadripuram

Vanagaram

ACH Chennai

Trichy

Kakinada

DRDO

AFMH

Guwahati

Nellore

Karur

Mysore

Indore

Nashik

Tondiarpet

Teynampet

Jayanagar

Sowcarpet

Hyderguda

Pune

Noida

Existing Clinical Expertise-Cardiology

Minimally Invasive Coronary Artery Surgery

Mitral Clip

TAVI

Heart failure assist devices

Hybrid Procedures

Heart Transplant/Heart-Lung Transplant (En-bloc)

Off-pump and beating-heart surgeries

Cardiology COE – Service Spectrum

- Minimally Invasive Coronary Artery Surgery
- Adult cardiac surgery
- Pediatric cardiac surgery
- Neonatal cardiac surgery
- Stent less heart valve bioprosthesis
- Cutting edge technology to aid in cardiac care

- Coronary Angiography
- 640 slice CT
- First biplane interventional Cath lab suite- Philips Allura Clarity 20/15
- IVUS
- Cardiac risk score assessment and tracking
- Electrophysiology procedure for heart failure
- Catheter Ablation
- Combined cardiac procedure
- Peripheral Vascular surgery
- Arrhythmia surgery
- Renal Denervation
- Pacemaker system
- Cardiac Device lead extraction

Academics and Research- Cardiac Sciences

Academics and Research Number	Number
Papers published	131
Adjunct Titles of Professor/ Associate Professors	17
Adjunct Titles of Clinical Tutors	12

DNB seats	Cardiology - 2
Cardiac Anaesthesia -2	Pediatric Cardiology - 2

Center of Excellence – Orthopedics

Orthopedic services at Apollo Hospitals have the latest cutting edge technology in terms of equipments, operating rooms, recovery areas and advanced physical therapy facilities. Apollo Hospitals have dedicated and well equipped Orthopedic surgery complexes with laminar flow and various modern equipment like image intensifier, operating

microscope, computer navigation system, top of the line arthroscopy systems



Orthopedics services are offered at 40 units:

Ahmedabad
Bangalore
Bilaspur
Bhubaneswar
Chennai
Delhi
Hyderabad
Kolkata
Madurai
Navi Mumbai
Vizag
Secunderabad
Karimnagar
OMR - Chennai
Seshadripuram
Kakinada
DRDO
AFMH
Karaikudi
Ranipet
Guwahati
Aragonda
Nellore
Mysore

Karur
Sowcarpet
Health city, Vizag
NDMC
Indore
Ambawadi
Nashik
Tondiarpet
Teynampet
Jayanagar
Hyderguda
Pune
Noida
Vanagaram
ACH Chennai
Trichy

Existing Clinical Expertise-Orthopedics

Bilateral minimally invasive knee surgery

3D Robotic knee replacement (Unicondylar)

Cell Therapy

Small Joint Surgery

Eazy- AIM - Electronic digital targeting system

Rehabilitation Centre - ApoKos

Renaissance Spine Robot

Joint Navigation

Robotic rehabilitation – Lokomat

- Specialised Pediatric Orthopedics units offering the whole range of Pediatric Orthopedics
- Physical Therapy units to provide rehabilitation and pain management
- Shoulder surgeries and the most delicate hand micro surgeries
- Cartilage regeneration surgery, including microfracturing, mosaic-plasty
- Regenerative medicine
- Using a revolutionary combination of CT imaging/mapping, modelling software (virtual)
- 3D printing technology, medical miracles
- Robotic-Guided techniques routinely used
- Minimally Invasive Knee Replacement Surgery (MIKRS)

Academics and Research- Orthopedics

Academics and Research Number	Number
Papers published	339
Adjunct Titles of Professor/ Associate Professors	06
Adjunct Titles of Clinical Tutors	08

DNB seats

Orthopedics - 10

Orthopaedics COE – Service Spectrum

- Arthroscopic and Reconstructive techniques
- Arthritis Care
- Joint replacements including hip resurfacing and knee replacements (primary, complex primary and revision replacements)
- Articular cartilage Implantation (ACI)
- Dedicated units for Traumatology
- Orthopedic Oncology for treating bone cancers
- Modern Sports medicine centres

Center of Excellence – Neurosciences

Apollo Institute of Neurosciences is regarded as one of the best neurology and neurosurgery hospital in India with a legacy of innovation and excellence. Ably assisted by the latest Neuro-Radiology services, Neuro-Intensive Care facilities and Medical and Radiation Oncology services, achieve outcomes in neurological disease and treatments matching those of the leading institutions across the globe. Treatments of seizures or epilepsy as well as modern treatments for movement disorders like Parkinson's disease are further specializations. More than 1000 major

neurosurgeries are being carried out every year.



Neuro services are offered at 38 units:

Ahmedabad
Bangalore
Bilaspur
Bhubaneshwar
Chennai
Delhi
Hyderabad
Kolkata
Madurai
Navi Mumbai
Vizag
Secunderabad
Karimnagar
OMR - Chennai
Seshadripuram
Kakinada
DRDO
AFMH
Ranipet
Ambawadi
Nellore
Mysore
Karur
Sowcarpet
Health city, Vizag
Indore
Nashik
Tondiarpet

Karaikudi
Teynampet
Jayanagar
Hyderguda
Pune
Noida
Vanagaram
ACH Chennai
Trichy
Guwahati

Existing Clinical Expertise-Neurosciences

Micro – Neurosurgery
Complex Spinal Surgeries/Minimal Access Spine Surgery
Surgery for Spinal Cord Tumors
Surgery for Acute Head Injury and Spinal Injuries
Stroke prevention / Stroke treatment
Epilepsy Surgery
Skull Base Surgery
Surgery for Parkinson's disease
Neuro-Endoscopic Surgery for Pituitary Tumors/CSF Leaks
Endovascular Coiling of Aneurysms/ Vascular Malformations
Vertebroplasty

Neurosciences COE – Service Spectrum

- Deep Brain Stimulation (DBS) for Parkinson's disease and movement disorders
- Thrombolysis- intravenous intra-arterial and mechanical for acute stroke
- Mechanical Thrombectomy for Acute stroke
- Botulinum toxin injection for neurological disorders
- Auditory Brain-stem implant (ABI)
- EC-IC bypass (Extracranial-intracranial bypass) –where the brain's blood supply is augmented by

diverting blood for blood vessels of face to brain

- Surgery for Parkinson's disease
- Pediatric Neurosurgery
- Vertebroplasty

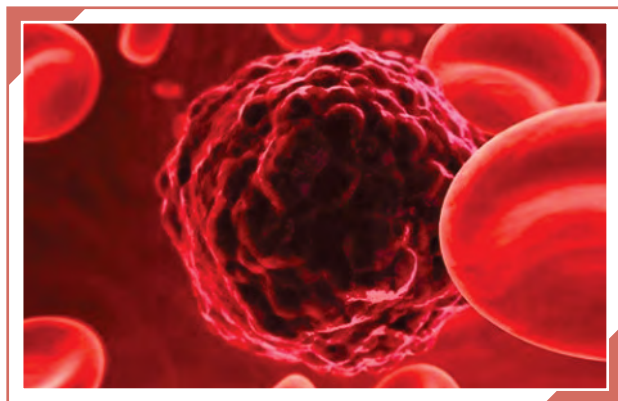
Academics and Research - Neuro Sciences

Academics and Research Number	Number
Papers published	146
Adjunct Titles of Professor/ Associate Professors	10
Adjunct Titles of Clinical Tutors	08

DNB seats	Neurosurgery - 2
Neurology -2	Neuro anaesthesia - 2

Center of Excellence – Oncology

Apollo Hospitals is one of the best cancer hospitals in India with 10 dedicated hospitals across Hyderabad, Chennai, Bengaluru, Madurai, Kolkata, Delhi, Ahmedabad, Bhubaneswar and Bilaspur. The cancer care system at Apollo Hospitals involves over 125 surgical and radiation oncology specialists as well as diagnostic consultants that offer comprehensive Cancer Care. The mission is to take the fight against cancer to the next frontier, and redefine clinical benchmarks and outcomes. Apollo Hospitals provides comprehensive cancer care with best treatment facilities in India



Oncology services are offered at 18 units:

Ahmedabad
Bangalore
Bilaspur
Bhubaneswar
Chennai
Delhi
Hyderabad
Kolkata
Madurai
Navi Mumbai
Vizag
Guwahati
Nellore
Pune
Noida
Vanagaram
ACH Chennai
Trichy

Existing Clinical Expertise-Oncology

Robotic Surgery
Limbo salvage surgery
HIPEC
TACE
RFA
Bio Bank
Cancer genetics
Liquid Biopsy
Vaccine therapy
Immunotherapy and Targeted therapy

Oncology COE – Service Spectrum

- Comprehensive suite of Chemotherapy services
- Paediatric Oncology services
- Tumour Board
- Bone Marrow Transplantation Services
- Immunotherapy
- Hematological malignancy treatment
- Molecular Profiling
- Genetic Profiling
- Hormonal Therapy
- Breast Conservative surgery
- Radical neck dissection
- Radical Nephrectomy and Radical Cystectomy
- Limb surgeries for peripheral solid tumours
- Surgical Gastroenterology services
- Mandiblectomy and advance Plastic surgery services
- Minimally invasive oesophagectomy
- Robotic intervention specially for Urology and Colorectal cancers
- Lobectomy/ Pneumectomy
- Mediastinal mass excisions and Chest wall tumour excision with reconstruction
- Liver resections – staged Hepatectomy and ALLPS
- Retroperitoneal Lymph node dissection
- Total/ Partial Penectomy with Groin node sampling/ dissection
- Stereotactic Surgery suite using Cyber Knife
- Image Guided Radiation Therapy (IGRT)
- Intensity Modulated Radiation Therapy (IMRT)
- Stereotactic Radio Surgery (SRS) with Brainlab, Stereotactic Radio Therapy (SRT) and Stereotactic
- Body Radiation Therapy (SBRT)
- Rapidarc Radiosurgery
- Volumetric Radiotherapy (VMAT)
- Brachytherapy – Intra Cavitory
- Brachytherapy (ICBT), Interstitial
- Brachytherapy (ISBT), Intraluminal High Dose Rate Brachytherapy (ILBT)
- Palliative Radiotherapy
- Total Body Irradiation
- Extra Corporeal Radiotherapy
- Respiratory Gated Radiotherapy
- SPECT Fibroscan
- 99 Tc Bone Scan
- CELLVIZIO – Endomicroscopy system which generates Optical biopsy
- Digital Mammography

- 128 slice PET scan
- Precision Oncology" focusing on precise treatment and outcomes
- Only Proton Therapy system in this part of world.



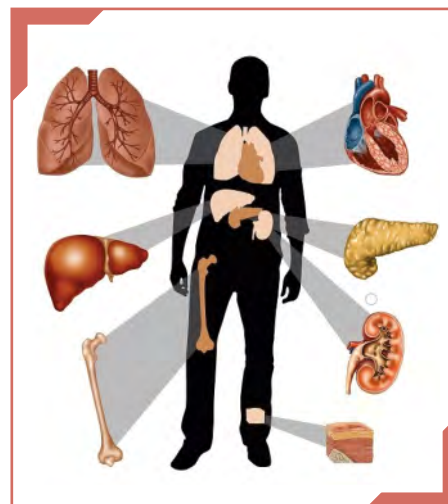
Academics and Research – Oncology

Academics and Research Number	Number
Papers published	87
Adjunct Titles of Professor/ Associate Professors	12
Adjunct Titles of Clinical Tutors	13

DNB seats	Radiation Oncology - 4
Surgical Oncology - 2	Medical Oncology - 3

Center of Excellence – Transplant

Apollo Hospitals has been a leader in the field of organ transplants and has been considered as one of the best organ transplant hospitals in India. The first successful pediatric and adult liver transplants in India were performed at Apollo Hospitals in November 1998. With over 90% success rates for multiple transplants in India our organ transplant center is a beacon of quality and hope for patients from across the world.



Emergency services are offered at 21 units:

Ahmedabad

Bangalore

Bilaspur

Bhubaneshwar

Chennai

Delhi

Hyderabad

Kolkata

Madurai

Navi Mumbai

Trichy

Guwahati

Nellore

Mysore

Indore

Nashik

ASH Chennai

Pune

Noida

Vizag

Vanagaram

Existing Clinical Expertise-Transplants

Haemodiafiltration

Everling

Liver Transplants in very small infants (<5kgs)

Multi-organ/Small bowel transplants

ABO incompatible transplants

Transplants in individuals with Situs

Transplant COE – Services Spectrum

- Kidney transplant
- Liver transplant
- Heart transplant
- Lung transplant
- Combined Heart and Lung
- Pancreas transplant
- Intestinal transplant
- Multi-organ transplant
- Cornea transplant
- ABO incompatible transplants
- Organ Oxmetra, can keep a liver 'alive' for up to 24 hours after donation

Academics and Research – Transplants

Academics and Research Number	Number
Papers published	52
Adjunct Titles of Professor/ Associate Professors	05
Adjunct Titles of Clinical Tutors	03

DNB seats	Liver Transplant - 1 (FNB)
Urology - 2 (FNB)	Nephrology - 3 (DNB)

Center of Excellence – Emergency

As pioneers of Emergency care services in India, the Emergency Care centre at Apollo Hospitals guarantees the highest levels of skill, expertise and infrastructure. The protocols at the 24-hour emergency service and trauma care departments are designed to respond quicker and have proven outcomes that are on par with the very best in the world. The multi-specialty prowess is leveraged actively to deliver the crucial edge in emergency care.



Emergency services are offered at 38 units:

Ahmedabad
Bangalore
Bilaspur
Bhubaneshwar
Chennai
Delhi
Hyderabad
Kolkata
Madurai
Navi Mumbai
Vizag
Secunderabad
Karimnagar
OMR-Chennai
Seshadripuram
Kakinada
DRDO
AFMH
Ranipet

Ambawadi
Nellore
Mysore
Karur
Sowcarpet
Health City, Vizag
Indore
Nashik
Tondiarpet
Karaikudi
Teynampet
Jayanagar
Hyderguda
Pune
Noida
Vanagaram
ACH Chennai
Trichy
Guwahati

Existing Clinical Expertise-Emergency

Emergency 2.0

Air Ambulance

Code FAST

Acute MI – primary angioplasty

E-ICU

ReSQ CPR System

Emergency COE – Service Spectrum

- Air Ambulance
- Golden Hour concept for early management of stroke - Code FAST Protocol
- Acute MI management – primary angioplasty
- Trauma management
- Sepsis management
- E-ICU services

Pre-hospital Care services: 1066

- 24 x 7 ACLS Ambulance services – Road, Bike and Air Ambulance with Emergency Physicians
- Management of all Medical and Toxicological Emergencies
- Medico Legal Specialists (RTA, Burns, Fall from height, Workplace injuries, Assault, Poisonings, Animal bites, Child and sexual Abuse)
- Poly Trauma Management Specialists
- Acute Stroke and Cardiac Thrombolysis Centre and Radiological Intervention
- Infectious Disease specialist centre
- Bedside Ultrasound and Echo procedures – For FAST scan, Central Lines, HHD catheters, Lung Ultrasound and 2 D Echo
- 24 x7 Burns centre



Academics and Research- Emergency Medicine

Academics and Research Number	Number
Papers published	74
Adjunct Titles of Professor/ Associate Professors	06
Adjunct Titles of Clinical Tutors	02

DNB seats	Emergency Medicine - 3
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Apollo HomeCare

Apollo HomeCare

65



Apollo HomeCare

Apollo HomeCare

The transforming healthcare scenario in India led to the advent of Apollo HomeCare – healthcare services that conveniently come home for the comfort of patients and their families.

Apollo Hospitals transformative journey has redefined the healthcare landscape in India over the last few decades with its mission of delivering quality healthcare to millions of Indians. In keeping with this mission, Apollo HomeCare, with its unique treatment options, delivers clinical excellence with compassion and care to the comfort of patients' home.

Apollo HomeCare operates in the metropolitan cities of Hyderabad, Chennai, Delhi, Bangalore, Kolkata, as well as tier-2 cities of Bhubaneswar, Pune, Mysore and Madurai. The team consists of over 1200 highly skilled and trained staff. Apollo HomeCare has touched over 175,000 lives in the community so far. The team has handled over 4,50,000 patient care episodes and is acknowledged as a leader for clinical excellence driven home healthcare services.

Long Term Care Plans

The long term care plans provided by Apollo HomeCare include:

- Ortho rehab
- Heart rehab
- Neuro rehab
- Lung rehab
- Mother and baby care
- Elderly care
- Advanced physiotherapy

The focus on advanced physiotherapy services yielded 12 visits per patient on an average for neuro rehab, ortho rehab and cardiac rehab programs with 95% improvement in activities of daily living (ADLs)

To address the challenge of procuring healthcare devices at home, the home medical devices rental services vertical was strengthened. This has received lot of acceptance in the community for respiratory and mobility equipment – particularly in elderly, COPD and post surgery patients.

In 2019 the team introduced professional home visit services for:

- IV infusion therapy
- Wound management plan
- Colostomy care

Complex Procedures

In 2019, the team has performed over 75,000 visits for various different kinds of healthcare needs to be addressed at home. Some of the complex procedures rendered at home by Apollo HomeCare include:

- Albumin infusions
- Ascitic fluid tapping
- Tracheostomy tube change
- Incision and drainage
- Suturing
- Staple removal
- Cast removal
- Wound debridement
- TPN infusion
- Peritoneal dialysis

- ABG sampling
- PICC line insertions

New Initiatives

Blood transfusion@home

Apollo HomeCare pioneers in performing blood transfusions at Home. Close to 210 episodes of blood transfusions were performed in home settings in 2019.

Chemo@home

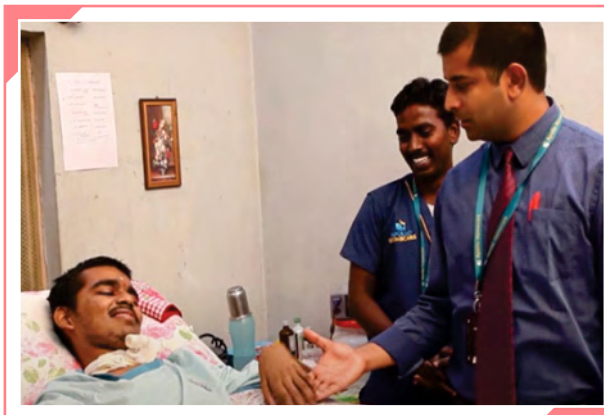
With the support of oncologists, Apollo HomeCare initiated Chemo@home, for patients who are unable to visit the hospital. This service is one of its kind in India.

Virtual Consultations

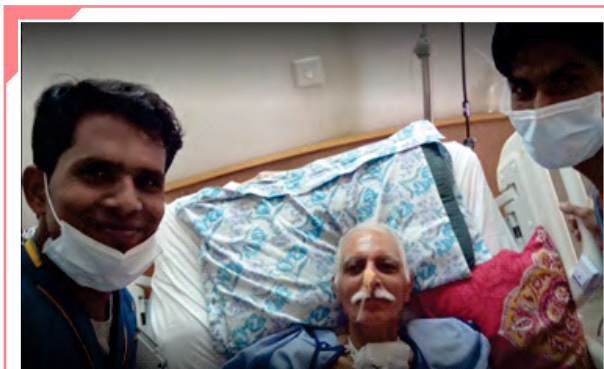
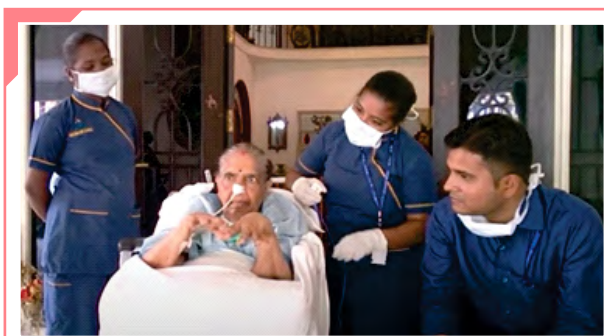
With the support of AHS and ASK Apollo, Apollo HomeCare has created a strong base for tele and virtual consultations, for both long term and transactional services. Over 1,340 episodes of virtual consultations were performed and the trend is rising.

International Medical Travel Assistance

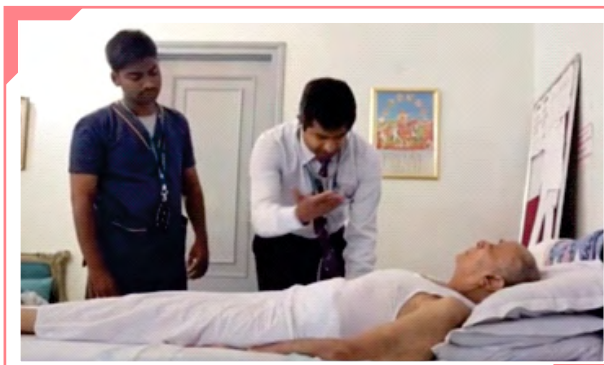
Apart from the above listed exclusive services, international medical travel assistance was provided to 36 patients who travelled from India to other countries and back. During this endeavour of supporting patients for international travel, the Ethiopian Government gave a special recognition to a supervisor from Apollo HomeCare for rescuing a patient while aboard a flight.



Home care after whiplash injury of the cervical spine



ICU care at home



Elder care at home

Information Technology and Telemedicine

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Information Technology and Telemedicine

Information Technology

New and emerging technologies have transformed healthcare in recent years. Hospitals have implemented new technologies to improve the overall quality of care for patients. IT services for healthcare have never been more vital. As medical facilities continue to modernize, the need for robust and responsive healthcare IT support is only increasing.

Apollo Hospitals Group launched Apollo ProHealth – a first-of-its-kind predictive, proactive and comprehensive Health Management Program

Apollo Hospitals Group launched Apollo ProHealth Program, the most powerful, proactive Health Management Program. Apollo ProHealth is a first-of-its-kind, comprehensive health program, powered by pHRA (personalised Health Risk Assessment), enabled by Artificial Intelligence.

This program is specially curated and conceptualised by Apollo Hospitals' experts and innovators in preventive healthcare, based on the experience and learning of over 20 million health checks conducted by Apollo Hospitals. ProHealth empowers individuals and businesses with actionable health analytics, to know and eradicate health risks, and, lead healthier and happier lives. The program brings technology and human elements together by providing a personal Health Mentor to guide each individual to stay focused on health track and gain better health and lasting happiness.



Launch of Apollo ProHealth – a first-of-its-kind predictive, proactive and comprehensive Health Management Program

National launch of Preview- AI CVD Risk Score, collaboration between Apollo Hospitals and Microsoft India

The AI Cardiovascular Disease (CVD) Risk Score developed in joint collaboration by Apollo Hospitals and Microsoft India was launched at a national level on 13th September, 2019 at Hyderabad during the International Health Dialogue, organized by the Apollo Hospitals Group.

The AI-powered Cardiovascular Disease Risk Score API is an intelligent platform that can predict cardiovascular disease risk score in the Indian population. With over 2,00,000 people screened using the AI-driven API on Microsoft Azure across Apollo Hospitals over the last one year, the platform has been successful in allowing physicians to predict the risk score of patients, 5 to 7 years in advance. With the national launch of the platform, doctors across the Apollo Hospitals network as well as doctors in other leading Indian hospitals would be able to access and leverage this AI-powered API to predict risk of CVD and drive preventive cardiac care in patients across

the country.

As part of Microsoft's AI Network for Healthcare initiative, Microsoft India and Apollo Hospitals Group set up a National Clinical Coordination Committee (NCCC) for the Cardiovascular Disease Risk Score, consisting of leading doctors from Apollo Hospitals; All India Institute of Medical Sciences, New Delhi; and King George's Medical University, Lucknow.



National launch of Preview- AI CVD Risk Score

Apollo Hospitals Group and Zebra Medical Vision (Zebra-Med) collaborate to validate and deploy AI (Artificial Intelligence) based screening tools across India

Global Innovation and Technology Alliance (GITA) on behalf of Department of Science and Technology, Government of India and Israel Innovation Authority (IIA), on behalf of Government of Israel, granted HealthNet Global, a part of the Apollo Hospitals Group, India and Zebra Medical Vision, Israel funding to validate, co-develop and deploy medical imaging Artificial Intelligence (AI) across India and to increase Tuberculosis (TB) screening capabilities in the rural areas.

The companies shall jointly receive support from India-Israel Industrial R&D and Technological Innovation Fund (I4F) for their project to co-develop and to provide clinical validation, and evidence of the efficacy of radiology AI based tools in India as per I4F norms.

The final developed project will be able to assist as a primary screening method for major diseases in large scale screenings. For example, World Health

Organization (WHO) estimates that 3.6 million people with TB are missed by health systems every year and do not receive adequate care. This is primarily because patients with TB may present with mild or no symptoms, particularly early on. Many affected people arrive at clinics too late with advanced disease or multi-drug resistant TB (MDR-TB), which is difficult to treat and more likely to cause death. One of the key strategies to tackling TB is early diagnosis. Unfortunately, sputum testing is only 50% accurate and frequently misses the disease in its early stages.

Both companies will focus on development of AI-based Chest X-ray interpretation tool for TB which can help address the gap. It will provide high quality, timely and cost-effective radiology access to remote locations and poor communities by immediately alerting the presence of critical findings. The AI1 (All-in One) solution is one of the largest installation of AI in India and has the potential to help over 40 million people.



Deploy AI (Artificial Intelligence) based screening tools

Maastricht University partnered with Apollo – Microsoft Cardiac Global Data Consortium to expand the AI Network for Cardiology in Europe

The Maastricht University has signed an agreement with the Apollo-Microsoft Cardiology Consortium to help expand the AI Network for Cardiology and research on cardiovascular diseases in the Netherlands. The partnership was announced at the inaugural session of the DST-CII India Netherlands Technology Summit at New Delhi, in the presence of His Majesty Willem-Alexander, the King of the Netherlands and Mr. Harsh Vardhan, Honorable Minister for Science and Technology, Health & Family

Welfare, Government of India. Her Majesty, the Queen and other ministers from the Dutch government also graced the occasion.

Apollo Hospitals–Microsoft Consortium is building the AI Network for Cardiology to develop an India-specific heart risk score and better predict cardiac diseases for the general population with the help of Apollo's database and expertise in the field, and Microsoft's leading cloud and AI tools. The algorithm is based on a vast amount of data pooled from over 200,000 patients treated at six of Apollo Hospitals. At Maastricht, the model will now be validated using data from the Maastricht Study (a long-term cohort health study in the Maastricht region) and from the Heart and Vascular Center at Maastricht University Medical Center.



Microsoft Cardiac Global Data Consortium to expand the AI Network for Cardiology

Apollo - CHiME Masterclass on “Leadership and Digital Transformation”

A CHiME Masterclass on 'Leadership and Digital Transformation' was conducted as a pre-conference activity for the International Health Dialogue that was organized by the Apollo Hospitals Group. From Faculty from CHiME – USA and leading health CIOs from USA conducted the workshop. Close to 84 participants, included CIOs from 35 hospitals and health systems in India, attended the workshop.

Apollo Telehealth Services (ATHS)

Apollo TeleHealth, with two decades of experience in Telemedicine Services has come a long way since its inception. ATHS has created its presence not only across 25 states of India but also has marked its existence in 48 different other countries. With close to

700 Teleclinics, it is the largest telemedicine network providing specialized solutions like Tele-consults, Tele-radiology, Tele-cardiology, Tele-Condition Management, e-ICU and others.

ATHS is empowering remotely located populations across the globe to access Apollo Hospitals' world-renowned medical expertise through its state-of-the-art technology. With the advancement of technology and enhanced use of connected medical devices the benchmark is being raised year on year.

On-Going Projects

Tele-Clinics

- More than 110 operational centers across 17 countries
- More than 1 million teleconsultations performed till date
- Providing business opportunities to over 90 franchises
- Providing direct employment to approximately 350 people
- Tele-clinics enabled with integrated POCT devices (ECG, basic lab parameters, vitals etc.)

UTTAR PRADESH PPP PROJECT (Tele-Radiology Services) - 134 Centres

Apollo TeleHealth along with Government of Uttar Pradesh, India has implemented tele-radiology services across 134 CHCs (Community Health Centres) providing read services for X-Ray, CT and MRI. The project is targeted to deliver 2400 tele-read services on daily basis and cater to a population of 12 million people.

Impact

- More than 20,000 radiology reports were delivered, after successful activation of services.
- With these services Apollo Remote Healthcare will be catering to a population of 12 million.



Uttar Pradesh PPP Project (Tele-Radiology Services)

Jharkhand Digital Dispensary PPP project – 100 Centers

Apollo Hospitals has set up digital dispensaries across 100 selected Primary Health Centers of Jharkhand with state-of-the-art equipment for vital signs monitoring, screening program and ICT devices. General Practitioner and Specialist consultation are being rendered across selected specialties like gynecology, pediatrics, dermatology and general medicine at all these centers.

Impact

- More than 200,000 consultations performed in a short span of 5 months

- More than 150,000 unique patients treated
- More than 45,000 lab investigations performed
- The project is intended to cater to approximately 2 million people and delivering 3 million consultations. This would account for a total of 320 new patients every month per Digital Dispensary.



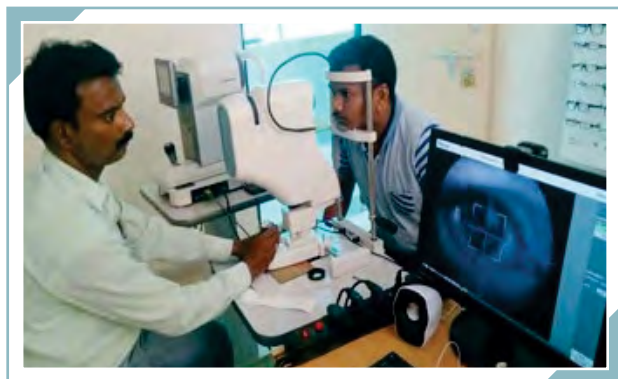
Jharkhand Digital Dispensary PPP Project

Tele-Ophthalmology (MeEK) - 115 Centres

The project continues to focus on providing ophthalmology screening and diagnosis through 115 community health centers (CHCs).

Impact

- Operational centers are present at 115 locations across 13 districts of Andhra Pradesh
- Close to 1.4 million lives touched till date
- More than 1 million spectacles have been distributed. More than 80,000 people suspected with diseases which needed higher facility treatment, were referred for further interventions.
- Close to 1.3 million refraction checks done.
- More than 360,000 fundus examinations completed.
- Providing direct employment to 150 – 200 people.
- With this service Apollo Remote Healthcare is catering to a population of approximately 10 million



Tele-Ophthalmology (MeEK)

Electronic Urban Primary Health Centre (e-UPHC) – 183 Centres

164 Apollo TeleHealth e-UPHC centres received ISO 9001: 2015 certification from TUV SUD South Asia, making the project first of its kind to receive an accreditation across Public Private Partnership in the healthcare sector. This had become a testimony to Apollo Hospitals ability of adhering to highest quality standards in a cost efficient manner even in remotest places.

Impact

- More than 183 centers across 9 districts of Andhra Pradesh catering to a population of 91,00,000
- Operational for more than 2.5 years.
- More than 2.2 million unique patients treated.
- More than 9 million consultations done.
- Close to 900 thousand tele-specialist consultations.
- Close to 6.3 million laboratory tests. Providing direct employment to approximately 1200 people.
- More than 800,000 immunizations performed
- An initiative that has decongested the higher facilities



Electronic Urban Primary Health Centre (e-UPHC)

Tele-Emergency

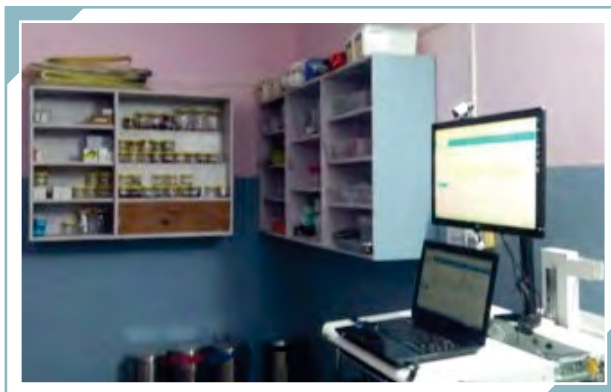
Himachal Pradesh Project – 3 Centres

Since last 5 years AHS has been continuing to provide tele emergency services in Himalayas thereby providing the care continuum in difficult terrains and extreme climatic conditions. In 2019, AHS not only catered to the basic needs of inhabitants but also saved lives of few critical patients. Stabilization of patients in critical conditions was performed. Few

examples are - fracture neck of femur of a 64 years old female patient; myocardial infraction and coronary artery disease (CAD) for two other 2 patients.

Impact:

- Serving the under served for 5 years
- Stabilized more than 1100 emergency patients
- Provided more than 16,000 tele-consults. Close to 12,000 laboratory investigations
- More than 100 cervical cancer screenings performed
- Providing employment to 50 local people
- After successful operations in Kaza and Keylong, AHS has scaled up to Pangri
- Apollo Remote Healthcare is catering to a population of 56,000



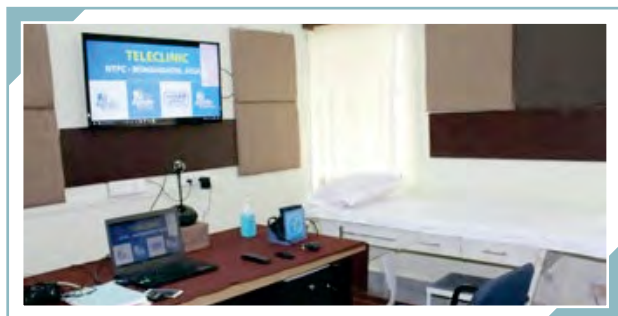
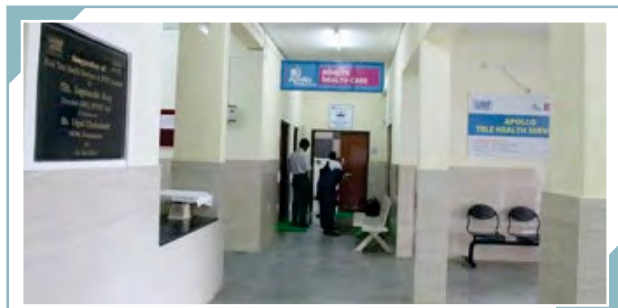
Himachal Pradesh Project

National Thermal Power Corporation (NTPC)

ATHS through telemedicine is providing primary, specialty and super specialty services and emergency consultations for the NTPC family. Physiotherapy sessions are also being provided through telemedicine

Impact

- Close to 700 tele-emergency cases handled
- More than 1500 specialty and super specialty consultations done in less than 1.8 years
- More than 1500 OPD consultations done.
- More than 2700 physiotherapy sessions held
- Apollo Remote Healthcare is catering to 2500 NTPC employees and their families.



National Thermal Power Corporation (NTPC)

Ask Apollo – Our Virtual Hospital



Impact

- Usage across more than 48 countries
- Close to 400,000 App downloads so far
- App Registrations – close to 200,000 registrations till date
- More than 200,000 visitors till date
- More than 50,000 website registrations done till date

New Projects

UTTAR PRADESH- TELEMEDICINE - 120 Centres

ATHS has set up telemedicine centres across 120 identified community health centres in eastern part of Uttar Pradesh to bridge the gap of availability of specialists in the state. Services which are available throughout these centres include tele-consultations across 13 selected specialties like general medicine, paediatric, gynaecology, skin and VD, neurologists, nephrologists, urologists, rehabilitation and physical medicine, oncology and gastroenterology. Specialist video consultation with various investigations like ECG, blood pressure, blood sugar, temperature and

fetal heart rate monitoring would be provided.

Close to 70,000 consultations have been done.

The project is targeted to deliver 2000 consultations on daily basis and cater to a population of 10 million.



Uttar Pradesh- Telemedicine - 120 Centres

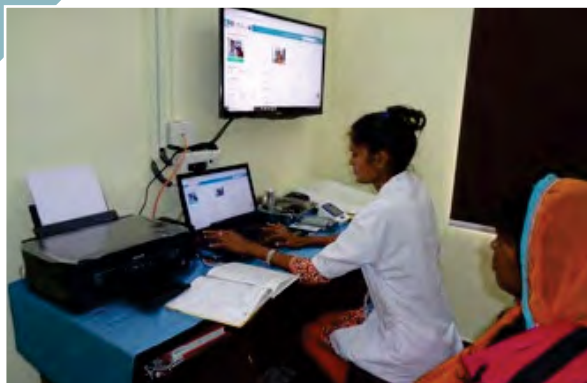
UNIVERSITY OF PITTSBURGH (TUVER PROJECT):

University of Pittsburgh has recognized Apollo TeleHealth for implementation of tele-clinic at Tuver village in association with De HEaRT, IIT Madras, Ahmedabad University and Apollo Telemedicine Networking Foundation. Tuver, one of the under-privileged villages in Gujarat, faces critical healthcare issues related to respiratory system and has a very high mortality rate due to scarcity of basic resources.

This association works on micro-grid project implementation in various fields to provide the basic amenities including power to households, potable water, sanitation, hygiene and health education. A truly unique addition is the provision of affordable, accessible technology enabled 24/7 health care to anyone, anytime anywhere at this remote site. The various facilities will include primary, secondary and tertiary healthcare services, on-site pharmacy, laboratory services and health literacy programs for such under- served people who lack even the basic amenities.

The Apollo Tele Clinic in Tuver will also have an Apollo Tele Health and Wellness Centre (ATHWC) to promote health literacy and transfer knowledge on subjects related to wellness.





Apollo Tele Health and Wellness Centre (ATHWC)

Launch of India's Comprehensive "Cardiac Command Center"

Innovations

Launch of India's Comprehensive "Cardiac Command Center"

Cardiac Command Center was launched with the aim of remote monitoring and reporting of Tele ECG, Tele ECHO, Remote Cathlab, CICU, ER response dashboard, management dashboard and consultant module. The projected command center is a one point remote cardiac care delivery center which would be enabled across all Apollo Hospitals (with active cardiovascular department) for all digital/connected medical devices integration pertaining to cardiovascular care. Apart from the command center, a dedicated communication line was launched for physicians/nursing homes/clinics to reach out for joining the remote cardiac care delivery network powered by Apollo Hospitals; in the form of dedicated phone line and registration website.

A Solution Launch – Drones enabling Healthcare Delivery

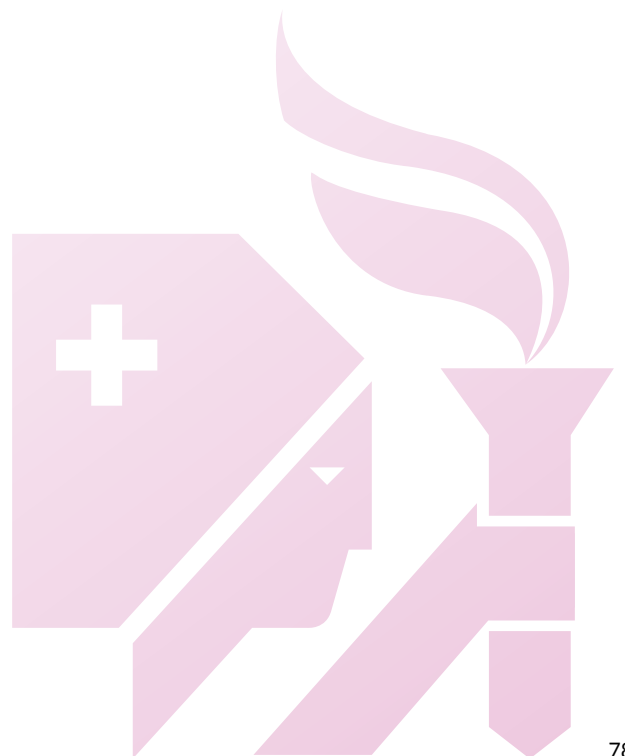
Apollo Remote Healthcare has tied up with US-based Zipline to launch Drone Healthcare Delivery Solutions. The unit will explore and leverage drone technology to deliver emergency aids and organs.



A Solution Launch – Drones enabling Healthcare Delivery Solutions

Corporate Social Responsibility (CSR)

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• Apollo Hospitals, Chennai, CSR	91



Corporate Social Responsibility (CSR)

Apollo Foundation

Apollo Hospitals is committed to pursuit of societal good through inclusive healthcare and bringing quality healthcare within the reach of all people regardless of their geographic location or economic status. Apollo Hospitals Group aspires to be a socially responsible corporate entity delivering superior and sustainable value to all. In order to achieve this goal universally, the Apollo Foundation was established.

Apollo Foundation has pioneered various social initiatives to help in the emancipation of the communities at the grass roots. The various initiatives of Apollo Foundation have been focused on bringing good healthcare within the reach of these communities. It aims at upgrading the standards of care, creating impactful programmes through rural healthcare, promoting health awareness, organising medical camps for the underprivileged. Rural development and skills development have been initiated in several regions. Through these initiatives Apollo Foundation has been able to serve over 1,58,000 people in the community in the year 2019.

Through the following CSR initiatives run by different Apollo Hospitals across India, Apollo Foundation aspires to make timely and quality healthcare available to all:

- Total Health Program
- Billion Hearts Beating Foundation
- Indraprastha Apollo Hospitals, Delhi, CSR

- Apollo Hospitals, Hyderabad, CSR
- Apollo Hospitals, Chennai, CSR

Apollo Total Health Program: A Unique Health System Reform

'TOTAL HEALTH' -The Concept

The mission of Total Health (TH) is to ensure physical, mental, social and spiritual wellbeing of all individuals in the community along with their ecological and economic upliftment.

Rural and semi-urban societies cannot afford to overlook the role of healthcare in their quest for growth and development. Healthcare is an essential component of any economy. Reliable healthcare systems make for a healthier workforce for an array of industrial and agricultural requirements, and enhance a community's level of participation and quality of life.

In the year 2013, Dr PC Reddy, the visionary and Founder Chairman of Apollo Hospitals Group, launched "Total Health Foundation" with an objective of providing "holistic health care" (womb to the tomb) to the community in Thavanampalle Mandal of Chittoor district under Apollo Hospitals' CSR division.

The health interventions envisage identifying diseases at an early stage through screening, and facilitating, and providing timely treatment to maximize the social and economic benefits for all categories of stakeholders.

Health Interventions

The key focus was on relevance, coverage, effectiveness, efficiency, sustainability, and a chance for replication analyzed through the CSR lens. Interventions carried out in the health domain of Apollo Total Health program are focussed herein.

Total Health has implemented Mobile Clinics; Satellite Clinics; Nutrition centres; Geriatric care; General Health Screening, AYUSH, School Health, NCD camps, and Cancer Screening. Each one of these interventions has been discussed:

Mobile Clinics

Mobile Clinics are an innovative model of health care delivery that is helping to alleviate health disparities in vulnerable populations and individuals with chronic diseases.

Mobile clinics are providing diagnostic and treatment services to the people and more specifically for those having hypertension and diabetes.

They provide primary medical care, basic investigations, pharmacy, health education, referral services and any other essential services. These clinics are equipped with medical laboratory and pharmacy, facilitating appropriate medication to the patients.

The two Mobile Clinics are currently providing health services in 92 villages across 32 Gram Panchayats with a population of 35000 in the Mandal.

The Mobile Clinics have extended health care services to 14077 members in 98 villages along with basic investigations on a rotation basis.



Mobile Clinic

Satellite Clinics

Total Health runs Satellite Clinics to provide the essential primary medical health care services for a population of 9000 ie. that is 7 to 10 Gram Panchayats with a radius of 10 to 15 kilometers to serve the needs of individuals with NCDs and other medical ailments. The two Satellite clinics have necessary outpatient health care facilities

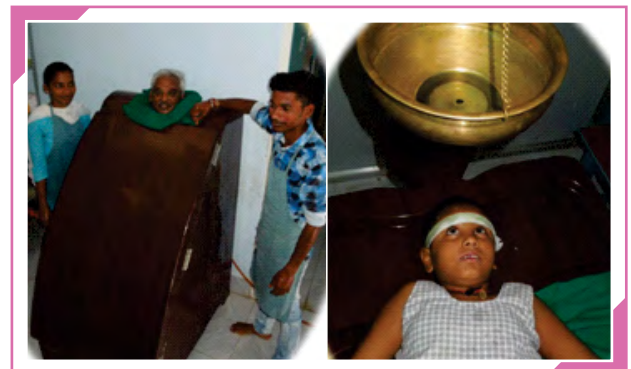
Satellite Clinics - have extended health care services to 9261 members in 63 villages along with basic investigations, in a stand-alone model.

AYUSH

Total Health has adopted AYUSH as one of the pathways to provide better health care to the individuals. An AYUSH wing was created at Apollo Hospitals, Aragonda as a pilot project. The primary aim of designing AYUSH was to provide low-cost services in far-flung areas; best and affordable care to elderly; addressing the tobacco and drug abuse, common in the area. Being more acceptable in the local populace and having lower side effects, AYUSH is particularly effective in life style diseases like diabetes and hypertension.

AYUSH (Ayurveda, Yoga, Unani, Siddha, and Homeopathy) program is designed with linkages to the outreach services of Mobile Clinics, Satellite Clinics, and mandal level health care program. It is a referral mechanism that delivers health services to the people identified with diabetes, hypertension, osteoarthritis, smoking, alcohol consumption, obesity and dermatology related health problems.

Through the AYUSH center, 4510 patients were benefited and majority of them were suffering from osteoarthritis



Treatment in the Ayush Centre

Success Story- Restoring confidence and normalcy



Mrs. KY (female, 40 years) of Aragonda village developed varicose veins during her pregnancy. She had to live with the shooting pain for the past few years. Hailing from a moderate agrarian family with own farm lands, she could afford medical treatment at any given place and hospital. She approached a Bengaluru based doctor who recommended laser surgery that would cost her around 1.5 lakh rupees. She and her family members receded from going ahead with the recommended course of medical intervention for a fairly good reason. There was no assurance from the doctor on total cure from the problem in the post-operative period. According to him the disease may reoccur any time and every time the course of treatment would be the same operation.

Because of the discouraging prospect the family of opted out from surgery. At this juncture the Ayush doctor suggested them to try their treatment offered there and experience the impact of the Ayurvedic. She joined the prescribed treatment course in the Ayush centre in February 2019. She completed three sittings, two for varicose veins and one for weight loss (each sitting consisted of a 7-day session at the centre) before she started feeling better. She became free from the shooting pain. She continued with the treatment as long as it was recommended by the doctors of the centre and her pain relief was complete.

Nutrition Centres

Because of the need of providing of supplementary nutrition to pregnant and lactating women, TH has brought the thematic concept of Nutrition Centres in selected villages. The aim is to improve the immediate nutritional wellbeing of pregnant and lactating women and their infants by tackling the underlying causes of malnutrition.

The aim is to ensure the improvement of maternal health, increase birth weight of the child, promote exclusive breastfeeding practices for the infant and ensure 100% institutional deliveries to reduce MMR and IMR.

Six Nutrition Centres have been established where pregnant and lactating mothers, and their children, needing additional nutritional support are being cared for.

In the year 2019, 70 women both pregnant and lactating mothers were benefited. From the inception till date, 479 women were benefited. There were no maternal and infant deaths reported during 2019.





Supplementary nutrition for pregnant and lactating women

Health Screening Camps

Non-communicable diseases (NCDs), especially cancers, are a cause of concern across the globe. Cervical, breast, and cancer of the oral cavity are the three most commonly encountered cancers. Screening programs are essential to cure these diseases at an early stage.

Hypertension and Diabetes mellitus are the two other NCDs, which have impacted on the quality of life of the population and their lifespan. Appropriate screening tests can detect these and simple algorithms for their complete diagnosis and management can be followed at the primary and secondary healthcare facilities.

Another critical and neglected problem among women is anaemia. It impacts their ability to work and also increases the risk to their life during childbirth. It is easily diagnosed in the field setting and is also treatable in most primary healthcare facilities.

As a corporate responsibility, Total Health has designed 'free general health screening' in the Mandal on a periodical basis. Under this model, screening tests are conducted to detect diseases at an early stage, before any symptoms become noticeable. The intention is to treat the disease early to ensure complete cure and eliminate complications. Those who are identified are supported with suitable medication/procedures on reasonable charges or free of cost when the patient's financial situation warrants. Along with general health screening camps, Total Health has introduced eye-screening camps.

House Hold Survey- From the year 2013 to 2019, 31151 members of the community have been covered for general health screening during this door-to-door survey

NCD Management (DM and HTN) - Regular follow ups of 1895 diabetic and hypertensive patients with investigations, medication and counseling have been performed

RNTCP- Screening of 206 patients with chest symptoms was performed in the designated microscopy centre, out of which 15 persons were detected with Tuberculosis and were successfully managed.

General Health Camp- Over 1450 members from the community attended the General Health Camp.





Non-communicable diseases (NCD) camp

Non-Communicable Diseases Camps (Diabetic Special Camps)

People with non-communicable diseases, require long-term care that is proactive, patient-centred, community-based, and sustainable. Such care can be delivered equitably only through regular NCD care health systems. Primary health care is the most frequent entry point for people to the health system and offers the most significant potential to detect high-risk individuals.

Total Health has initiated special camps on every Saturday in AYUSH clinic premises. These have been launched with the aim of providing cost-effective case management, follow-ups, prevention and early detection of disease. The NCD camp conducts follow-ups for 1792 diabetic and hypertensive patients, who are getting investigations, medications, and counselling. Nearly 2424 patients had undergone HbA1C investigations until December 2019.



Diabetic screening camp

Cancer Screening Camps

Breast, cervical, oral and lung cancer cases are increasing day by day. Such cancer cases not only increase the disease burden and mortality among the society but are also leading to financial crises amongst the families.

Total Health is regularly conducting cancer screening camps to identify and provide health services to the patients with several types of cancer, at an early and treatable stage.

Camps have been organized in 157 villages across 30 gram panchayats. Total Health has screened 2224 women in 2019 for oral, breast and cervical cancers. Two breast and four cervical cancers cases were detected and surgically managed.

Success Story- Treatment with care and concern



Mrs. KB (45 years old female from Diguva Thotaraganapalle), a deserted wife and mother of two kids unsuspectingly attended the health screening camp in the village conducted by TH medical mobile team. The medical tests unfolded an emerging health problem for her – infection in the cervix that called for surgical intervention (confirmed case of cervical carcinoma-low grade squamous cell intraepithelial lesion). Upon receiving timely advice from the doctors, she successfully underwent surgery (hysterectomy). She is at present recovering from the surgery and is on medication for a couple of weeks more. She being a semi-literate had this much to say: 'I am satisfied with the treatment. More than that, I am treated well in the hospital by the staff.'

School Health Program/Camps

Total Health has taken responsibility to promote the health of school children. School health camps are being conducted in all the Zila Parishad Schools, other Government Schools and Anganwadi centres across Thavanampalle Mandal.

The School Health Program is designed to cover screening, health care, and referrals emphasizing on the cardiovascular system, ENT, oral and dental hygiene with medication and follow-ups. Students identified with ailments are provided initial medication and if required, referred to Apollo Hospitals, Aragonda for further treatment.

School Health Screening conducted by Total Health covered 5196 children. Three children underwent surgical treatment for cardiac diseases in 2019.



Health screening camp in school

Day Care Centre and Geriatric Nutrition Centre

Total Health has focussed on geriatric care, including medical and social support to ensure mental, physical, social and psychological well-being of elders.

The geriatric care model has been designed to provide geriatric care to those who are above 60 years of age and have little support from their family. The day care centre provides snacks; including one cup of tea or coffee, 200 grams ragi malt, 150 grams mixed nuts and 4 marigold biscuits, besides a nutritious mid-day meal. Newspapers in vernacular language and simple indoor traditional games for them are also provided at the centre.

The Elderly Daycare Centre at Aragonda with facilities of indoor games, TV and newspaper reading room, has 20 beneficiaries

Three Geriatric Nutrition Centres with 149 beneficiaries obtain mid-day meal along with health care services

Livelihoods

The model focuses on training of women for manufacturing jute products and apparels. Refrigeration and air-conditioning courses (R & AC) are run for the young males. This centre has state-of-art facilities with sufficient infrastructure, machines and materials and more importantly safe working environment for women attending the courses. To train the youth in Total Health has collaborated with Blue Star Limited.



Jute Products and Apparels

This initiative was aimed to provide need-based skills to the unemployed, uneducated/ educated rural women and to enable them for self-employment. It also includes mobilizing support services in terms of credit linkages, marketing, and providing placement services.

Tailoring skills program includes courses designed to train the women on making jute products and apparel. The centre has four master trainers. It has all the required infrastructure facilities with the latest machinery and material related to jute products and apparel.

More than 500 women benefited from tailoring and jute course trainings. This facilitated in promotion of social entrepreneurship, establishment of hospital textile garment for creating employment and jute promotion. Currently, 67 women are provided with livelihood support.



Jute products and apparels manufacturing unit

Refrigeration and Air-Conditioning Course

The use of refrigerators and air-conditioners are gradually permeating into the life styles of the rural and semi urban communities. The R&AC training centre is a part of the on-going skill development programs in the Skill Training Centre. The centre trains the interested youth and help them in obtaining suitable job opportunities.

Three months training curriculum, in collaboration with Blue Star is ongoing. Blue Star has provided required technical support including the training models and material for the course. The centre boasts of a state-of-the-art training model with different models of air conditioners, circuits, an experience room and other requirements are provided. The trainer is chosen by Blue Star and supported by Total Health. The eligibility to join the course is 10th grade with reading and writing skills.

Five batches have been completed with and 62 youth have been trained.





Refrigeration and air-conditioning repair training at Total Health

Agriculture – Poly House Farming

Polyhouse farming is slowly gaining popularity in India as it has a great scope of fetching larger profits for the farming community without undue effect of the vagaries of nature.

The poly house-farming model was initiated with the approval of Department of Horticulture, Government of Andhra Pradesh.

Total Health showcases the procedure to be followed in the polyhouse. Initial crop was english cucumber. Over 5459 kg were harvested in nine harvests. After cucumber, production was shifted to bell peppers. Over 2322 kg of bell peppers was harvested.

Lifestyle Modifications

Life style modification is the core activity of the Total Health project, around which the other interventions are planned.

Though life style modification is being advocated at the mobile, satellite and AYUSH clinics, during camps and the survey program, the two activities exclusively dedicated are -

1. Yoga under a Training of Trainers (ToT) Model
2. Sports and Cultural interventions for the youth

Yoga

The basic design of Yoga is focused on controlling diabetes, hypertension, improving flexibility, controlling stress amongst all ages of the population and helping people in maintaining physical and mental health standards. The Total Health program has partnered with S-Vyasa University. In 2019, the yoga community programme was expanded to all 32 Gram panchayats and six nutrition centres covering around 2500 members every month.

Three batches of 'Yoga Instructor Course' with 36 trainees has been completed

A summer crash course on 'Personality Development' was for conducted for 90 school children in the Mandal.



Community programme for Yoga

Success story- From sufferer to change agent

Mrs. V, a middle-aged woman Yoga instructor in the project has her own story to tell of suffering, conviction and propagation. While trying to meet both ends meet at the domestic front, she developed back pain in course of time. The intense pain made her sitting physical postures difficult. Being a woman from a traditional Indian family, she could not afford to lie down all the time since she was expected to perform household duties without fail. While in the quest of finding possible remedies to the suffering, she was drawn towards Apollo Total Health project and joined the Yoga classes in 2015. Within a short span of three months, she was relieved of her pain. This was the beginning of a new chapter in her life. Not with standing the domestic pressures, she joined the certificate course in Yoga offered by the institution. After its successful completion, she was employed as Yoga instructor. Since June 2015, she has been on the job. Today she propagates the importance of Yoga as a remedy for many physical ailments and conducts classes for women, pregnant and lactating mothers and school children. With satisfaction writ large on her face, she informs that Yoga is a medical remedy for many ailments and social remedy for the general wellbeing of all ordinary humans.

Sports

Sports are an integral part of education and a means to achieve physical and mental health for the youth. Also it helps to bring about life style changes in adults especially those with NCDs and those at risk. With the concept of “bringing people together for creating a better tomorrow through sports”, Total Health has invested on organizing rural sports meets in the Mandal.

It has organized “Padma Vibhushan Dr P C Reddy Open Cricket Tournament”; and “Open Volley Ball Tournament”.



Chairman Dr Pratap C. Reddy distributing prizes to the winners of sports events, at Aragonda

Infrastructure Development

Total Health has contributed in the following infrastructure development:

Clean Drinking Water

Complementing the State Government, Total Health initiated provision of safe and potable drinking water in adequate quantity with easy access in areas where the facilities were either lacking or inadequate.

In association with gram panchayats (GPs) and the community, Total Health invested in nine water plants. Two models—Reverse Osmosis (RO) and Rapid Sand Filtration Water Plants (RSF) have been installed by Total Health.

A card system has been introduced and issued to those who wish to obtain water from the plant. In the community operated model, the coin-operated machine which has been introduced.

Participation in 'Swach Bharat Abhiyan'

Supporting the government initiative of “Swach Bharat”, Total Health invested in supporting the village panchayats in this effort.

Total Health supported the construction of Individual Household Latrines by allocating certain amount of funds to each family. This initiative was undertaken in five GPs of the Mandal. In 2019, Total Health had supported 818 households. Total Health also provided dustbins to 2600 households in Aragonda and sensitized them on their use.

Infrastructure support in Schools

Total Health has been supporting the schools in their maintenance activities such as whitewashing and repair of buildings and toilets, provision of school furniture, drinking water, wall paintings, and electrification. TH initially chose the two Zila Parishad High Schools (ZPHS) in Aragonda for the support activities.

In the Zila Parishad Girls High School, wall paintings, hand washing platforms and construction of nine toilets was supported. In the Zila Parishad Boys High School, apart from white-wash of the building, wall paintings were provided. Construction of three toilets and eight urinals was also undertaken.

Plantations

Total Health initiated plantation interventions and till date a total of 11,540 saplings have been planted at various locations, including schools and public places. Saplings are also distributed on request to the local police station, primary health center, Zila Parishad Schools and even individuals who have taken up the responsibility for planting and maintaining them. The project also installs tree-guards that innovatively designed and made of bamboo to avoid pilferage while protecting the saplings.

Tree Plantation - As part of the Vanam-Manam Total Health has planted 12529 saplings, in convergence with forest department and the local police.



Tree Plantation - as a part of 'vanam manam' program

Solar Street Lights

Total Health entered into a partnership model with Phillips India for installation of solar street lights at Aragonda village and 35 solar lights were installed. This cost has been borne by Total Health and Phillips. The system eliminates wiring, trenching, and other installation associated requirements of conventional electricity lamps, besides, the saving on power expenditure. Total Health has also extended this model at its campus, Apollo Nursing College, Apollo ISHA School and Aragonda Hospital.

Along with facilitating the community with the solar lights, Total Health also sensitized the local government and the community on the benefits of using solar systems by involving the Sarpanch and Community members in the survey process, spot selection for installation, type of solar lights and the pole height. The first two years' maintenance was supported by Phillips and was later handed over to the village panchayat.



Installation of solar street lights

Other Highlights 2019

- Poverty Learning Foundation (PLF), Hyderabad conducted the Process Evaluation for the Total Health Program
- A new entity by the name 'Aragonda Vikas Trust' for women empowerment, skill development and livelihood support, was registered and made functional
- Harvard School of Public Health, USA team visited Total Health during the year and is documenting Total Health as a case study for public health student discussions
- A new project named Arogya Rakshak (A project supported by Reckitt ad Benckiser) is being implemented by Total Health under the CSR partnership – Swatch Bharat Abhiyan.
- Initiated central kitchen with balanced diet menu for the all the beneficiaries in the nutrition centres and Aragonda Vikas Trust.
- During the year 2019, Total Health was recognized for its work and bagged four prestigious awards from the forums-Dainik Jagaran, Asian Hospital Management Awards and Six Sigma Health Care Excellence Awards.
- Under the aegis of Dr PC Reddy Sports Academy, Total Health sponsored cricket and volley ball tournaments, and state level under 17 football conditioning camp.

- In 2019, 17 students of Apollo Isha Vidyaniketan took their Class 10 exam for the first time. Of these children, 14 of them obtained a CGPA (Cumulative Grade Point Average) of 10 whereas three of them obtained a CGPA of 9.3. Chairman felicitated these children and gave away cash prizes for further studies.

Billion Hearts Beating

The Billion Hearts Beating Foundation (BHB) is a not-for-profit organization that works with the objective of providing healthcare and health awareness to the underprivileged communities. Currently, programmes are being run for the underprivileged elderly and children. The coverage is done through old age homes, orphanages, NGOs, government schools in Delhi and NCR, Tamil Nadu, Karnataka, and Andhra Pradesh and Telangana. BHB provides free health checks, awareness workshops and medicines to 130 Old Age Homes, 26 Children's Homes and 17 NGO / Government schools. It also conducts sessions on life saving for the NCC cadets every year. In the year 2019, BHB has benefitted over 42,500 people through these initiatives.



General health camp for the children



Cardiology camp for senior citizens



General health examination as a part of the orphanage programme



Indraprastha Apollo Hospitals, Delhi, CSR

The CSR division at Indraprastha Apollo Hospitals is focussed towards the health of children and women of the underprivileged community, as well as the frontline workers of the Forest Department. In the year 2019, more than 28,000 people have benefitted from the various activities organised.



Health awareness workshop on 'Health and Nutrition'



General health check-up camp



Apollo Hospitals, Hyderabad, CSR

The CSR division of Apollo Hospitals, Hyderabad focuses on providing medical care to the people from underprivileged community through health camps and awareness workshops. In the year 2019, it has conducted health talks and health camps benefitting over 1000 elderly individuals and children.

Apollo Hospitals, Chennai CSR

Apollo Hospitals, Chennai CSR division operates daily free clinics and 24X7 emergency care centres for underprivileged communities through various centres of Apollo at Chennai. Free medical services are provided throughout the year in the clinics and emergency centers for patients with generic health issues. Serious cases such as those of polytrauma, cardiac and neurological issues are provided further treatment at the hospital or are referred to other hospitals. In the year 2019, over 13,600 patients have been provided free health checks, treatment, free medicines, surgeries and hospitalization through the Apollo Hospitals, clinics and centres in Chennai.



Clowning session for paediatric cancer patients as a part of 'Art for Healing' programme at Indraprastha Apollo Hospitals, Delhi

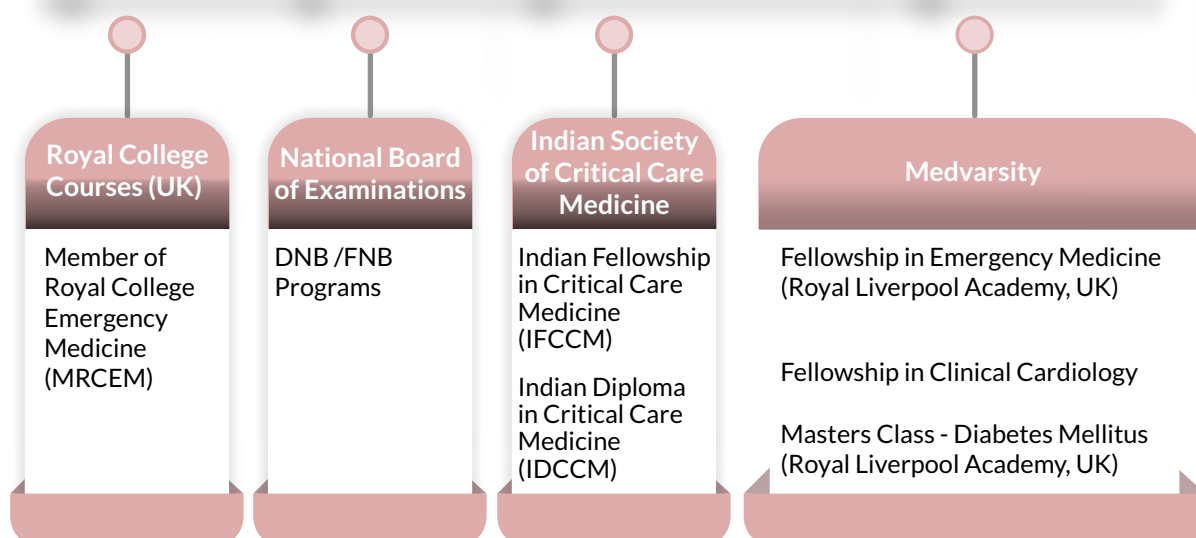
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Academics

Post Graduate Medical Education in Apollo Hospitals



DNB/FNB Programs

Apollo Hospitals conducts the largest Diplomate of National Board (DNB) and Fellowship of National Board (FNB) programmes in the country. These programmes are run under the aegis of National Board of Examinations. As of 31st December 2019 there were 884 DNB/FNB candidates in 14 Apollo Hospitals. The 496 seats, that were available in 2018 for DNB/FNB program at Apollo Hospitals, were scaled up to 599 seats in 2019. Indraprastha Apollo Hospitals, Delhi started new FNB courses in Arthroplasty in 2019. The aim is to increase the number of specialties/ seats by one-third each year for the next 3 years.

The NBE has accredited Apollo Hospitals for training and examinations in 15 Broad Specialities, 21 Super Specialties and Eight Postdoctoral Fellowship (FNB) programmes.

NBE has granted accreditation to the following DNB/FNB programs at different locations of Apollo Hospitals.

Broad Specialities	
1.	Anaesthesiology
2.	Emergency Medicine
3.	ENT
4.	Family Medicine
5.	General Medicine
6.	General Surgery
7.	Nuclear Medicine
8.	Obstetrics and Gynecology
9.	Orthopaedics
10.	Pathology
11.	Paediatrics
12.	Radio diagnosis
13.	Radiotherapy
14.	Respiratory Diseases
15.	Transfusion Medicine

Fellowships (FNB)	
1.	Minimal Access Surgery
2.	Paediatric Haematology
3.	Infectious Diseases
4.	Interventional Cardiology
5.	Paediatric Gastroenterology
6.	Liver Transplantation
7.	Arthroplasty
8.	Cross Sectional and Body Imaging
Super Specialities	
1.	Cardio Thoracic Surgery
2.	Cardiology
3.	Endocrinology
4.	Gastroenterology
5.	Genito Urinary Surgery (Urology)
6.	Medical Oncology
7.	Nephrology
8.	Neuro Surgery
9.	Neurology
10.	Vascular Surgery

11.	Pediatric Surgery
12.	Plastic Surgery
13.	Rheumatology
14.	Surgical Gastroenterology
15.	Surgical Oncology
16.	Cardiac Anesthesia
17.	Pediatric Cardiology
18.	Neuro Anesthesia and Critical Care
19.	Hematology
20.	Critical Care Medicine
21.	Pediatric Intensive care
DNB/FNB proposed to NBE in 2019	
1.	Anaesthesiology for Minimal Access
2.	Bariatric & Metabolic Surgery
3.	Paediatric Urology
4.	Fetal Medicine
5.	Molecular Biology
6.	Clinical Immunology
7.	Disaster Management
8.	Geriatrics

In 2019, six DNB trainees from Apollo Hospitals were conferred with awards by the NBE:

Apollo Hospitals Locations	DNB Trainee	Speciality
Bangalore	Dr. Avanthi P	Medical Oncology
Chennai	Dr. Agrawal Harshal Nandlal Dr. Ujwal Gajula Dr. S Nikita	Neuro Surgery Gastroenterology Nuclear Medicine
Delhi	Dr. Dadhaniya Nikunj Kumar Vallabhdas	Rheumatology
Hyderabad	Dr. Akkineni Naga Prasanthi	Radiotherapy

Apollo Clinical Knowledge Network (ACKN)

ACKN has been instituted in order to create a knowledge center for an academic exchange across different Apollo Hospitals.

Weekly clinical meetings are conducted for Consultants, DNB trainees and Junior Medical Staff

across the Group Hospitals. Medvarsity serves as the connectivity engine for ACKN. The various locations of Apollo Hospitals Groups connect every week to enable consultants to become a part of clinical knowledge enhancement.

The clinical presentations are made by consultants from individual Apollo Hospitals locations and are transmitted live across the Apollo Group. The case deliberations are recorded by Medvarsity and made

available 24X7 to any clinical staff who might have missed the session.

The DNB/FNB Academic Coordinators of each unit are the single point of contact. To build a culture of

multi disciplinary clinical deliberations, these clinical meetings are organized with each of the NBE approved hospitals by rotation.

Following is the list of Clinical Presentations which were held in 2019

Apollo Hospitals Locations	Speaker	Topics
Chennai	Dr Elankumaran K HOD - Surgical Gastroenterology	Caval Leiomyosarcoma - from ex-vivo resection to auto-transplantation
Delhi	Dr Ajit Saxena Sr. Consultant - Urology	Robotic Prostatectomy - Current Status and future direction
Hyderabad	Dr K.S. Deepak Sr. Consultant - Critical Care Medicine	A Typical Presentation of an Autoimmune disease in ICU
Kolkata	Dr Manas Saha Sr. Consultant - Vascular and Non-Vascular Intervention	Cases of Balloon Occluded Retrograde Transvenous Occlusion of Varices (BROTO) - treating variceal bleed and Hepatic venous stenting
Ahmedabad	Dr Bhavin Vadodariya Sr. Resident - Surgical Oncology	Isolated Peri portal lymphnode tuberculosis
Bangalore	Dr Aruna R Patil Consultant- Radiology Dr Sathyajit Godhi Consultant- Surgical Gastroenterology	Gmout of Meckel's Diverticulum Relate Complications
Bhubaneswar	Dr Prafulla Kumar Sahoo Chief Consultant- Neuro Surgery	Evidence Based Management of Spinal Dysraphism
Bilaspur	Dr Amit Verma Sr. Consultant- General/Oncology Surgery	A Rare Case Report of Paraganglioma Thyroid with Aberrant Vasculature
Madurai	Dr A Suresh Kumar MS Sr. Consultant- Laparoscopic Surgery	An Interesting case of Colonic Duplication Cyst in Young Adult
Mysore	Dr K S Sowbhagya Lakshmi Sr. Consultant- Obstetrics and Gynaecology	Preterm Twin Molar Pregnancy
Guwahati	Dr Dibya Jyoti Bora Sr. Consultant- GI and HPB surgery	Reconstruction after Pancreatic Trauma by Pancreaticogastrostomy
Mumbai	Dr Aklesh Tandekar Consultant, Critical Care Dr Gunadhar Padhi Sr. Consultant- Critical Care	ARDS with Pulmonary Embolism
Chennai	Dr Senthur Nambi Consultant- Infectious Diseases	Classic PUO- Serendipity

Hyderabad	Dr Niranjan Consultant- Critical Care Medicine	A case of ARDS managed with ACCOR
Delhi	Dr P N Renjen Sr. Consultant- Neurology Dr Dinesh Chaudhari Associate Consultant- Neurology	Gas Geyser Syndrome - A Case Presentation & Review Of The Literature
Kolkata	Dr Avishek Poddar Consultant-Paediatics Dr Agnisekhar Saha Consultant- Paediatics	Interesting cases from PICU
Ahmedabad	Dr Manoj Singh Consultant- Critical Care and Pulmonology	Interesting case and update on Mucormycosis
Bangalore	Prof. (Dr) Narasimhaiah Srinivasaiah Sr. Consultant- Colorectal Surgery / Surgical oncology	Enhanced Recovery After Surgery (ERAS)- surgical stress response and a surgeon in stress
Bilaspur	Dr Vijay Shrivastava Consultant- Medicine	Complicated Enteric Fever
Madurai	Dr M. S. Prabhu Consultant- Anaesthesiology	Spinal Myoclonus – A Rare Complication of Spinal Anesthesia
Mysore	Dr Shivaprasad B N Consultant- Rheumatology	Early Diagnosis Of Vascular Pathology (2 Cases)
Guwahati	Dr Geetanjali Shariah Khaund Consultant, Dept. of Paediatrics	Multi-Faceted Typhus Fever
Mumbai	Dr Gunadhar Padhi, Consultant- Critical Care	Few Interesting Cases of Refractory Hypokalemia
Bhubaneswar	Dr Sushant Kumar Sethi Sr. Consultant- Gastroenterology	An Unusual Case –Presenting as UGI Bleed and Anemia
Hyderabad	Dr K Subba Reddy Sr. Consultant- Critical Care Dr Nikhat Sultana Registrar, Critical Care Medicine	Intraventricular Hemorrhage Secondary to Intrathecal Colistin Injection
Delhi	Dr A K Dutta Sr. Consultant- Paediatrics Dr. Sneha Bhosle, DNB trainee-Paediatrics.	CANCER MIMICKER- CLEARING THE COBWEB
Kolkata	Dr Sandip Mandal Consultant- Internal Medicine	Emergency Room Cases with Diagnostic Dilemma
Ahmedabad	Dr Sandip Shah Consultant-Radiology Dr Ankit Singhvi Consultant- Radiology Dr Khushbu Upwanshi DNB Residents- Radiology	Interesting cases of Radiology

Bangalore	Dr Prof. Sunil Narayan Dutt Sr. Consultant- Otolaryngology (ENT) & Head-Neck Surgery	Hearing Implants - State of The Art
Bhubaneswar	Dr Amitav Mohanty Sr. Consultant- Internal Medicine Dr Rashmi R Pradhan Dept. of Internal Medicine	The Enigma of Mycobacterium
Bilaspur	Dr P.P. Misra Sr. Consultant- ENT	Foreign Body –Airway a Tricky Pediatric Case C- Arm Localisation
Madurai	Dr Suresh Kumar Sr. Consultant- General Surgery & Minimal access	Hernia of Broad Ligament
Guwahati	Dr Rakesh Periwai Consultant- Critical Care Medicine	Sepsis In Flood Victim
Mumbai	Dr Sanjeev Kumar Kalkeka Consultant- Interventional Cardiology Dr Rishi Bhargava Consultant- Interventional Cardiology	Watchman's Device Implantation
Chennai	Dr Venkatakarthikeyan Sr. Consultant- ENT- Head & Neck Surgery	How Robotic Technology Is Shaping The Specialty
Mysore	Dr Avinash Consultant- Pulmonologist Dr Shivaprasad B N Consultant- Rheumatologist Dr Jayakumar P Consultant- Cardiologist	Is it only Rheumatoid Arthritis?
Hyderabad	Prof. Pinjala Ramakrishna Sr. Consultant- Vascular Surgery Dr Junish Bagga Department of Vascular Surgery	Vascular Trauma
Chennai	Dr N.K. Narayanan Sr. Consultant- Diabetology & Endocrinology	10 Years, 3 Countries And A Lady With A Box Of Injections
Delhi	Dr (Prof) Raju Vaishya Sr. Consultant- Orthopaedics & Joint Replacement Surgery	3D Printing For Surgical Planning of Complex Orthopaedic Cases
Kolkata	Dr Sushmita Roy Chowdhury Sr. Consultant-Pulmonology Department	Interesting Case Presentation With Acute Respiratory Emergencies
Ahmedabad	Dr Mayur Jadhav DNB Resident- Critical Care Dr Manoj Singh Consultant- Chest and Critical Care	Managing Severe Dengue

Bhubaneswar	Dr Nachiketa Mohapatra (Sr. Consultant), Pathology Dr Jyotsna Pandey (DNB Trainee) Dr Anoja Aparajita (Registrar)	Central Neurocytoma And Lateral Ventricular Meningioma / Meningothelial Rest Occurring As Collision Tumors: A Rare Case Association.
Vizag	Dr Nanda Kishore Panigrahi Sr. Consultant- Cardiology	Management of low flow Aortic Stenosis following CABG with TAVR
Bangalore	Dr Savith Kumar Associate Consultant- Neuroradiology and Interventional Neuroradiology	Endovascular management of Spinal Vascular Malformation (few rare cases)
Bilaspur	Dr Indira Misra Consultant- Paediatrics and Neonatology	A rare case of spontaneous intracranial hemorrhage
Madurai	Dr Vani Sr. Consultant- General Medicine	"Two Interesting cases of Scrub Typhus"
Mysore	Dr Sanjeev Rao Goromaji Sr. Consultant- Internal Medicine	"THE GREAT IMITATOR"
Guwahati	Dr Shameem Ahmed Sr. Consultant and HOD- Neurosurgery	Solitary Plasmacytoma Of Skull: Presenting As Giant Intra- Osseous Skull Bone Tumour With Extra- Calvarial And Intra- Cranial Extension
Navi Mumbai	Dr Vaishali Lokhande, Consultant- Internal Medicine	THE WEIL'S CHALLENGE

Snapshots of Consultants / Junior Medical Staff and DNB trainees participating in ACKN series at various Apollo Hospitals locations



Apollo Hospitals, Guwahati



Apollo Hospitals, Madurai



Apollo Hospitals, Indore



Apollo Hospitals, Karimnagar



Indraprastha Apollo Hospitals, Delhi



Apollo Gleneagles Hospitals, Kolkata



Apollo First Med Hospitals



Apollo Hospitals, Bhubaneswar



Apollo Hospitals, Navi Mumbai



Apollo Hospitals, Visakhapatnam

Apollo Nursing Education

At present there are 12 Apollo Nursing Colleges/Schools in India and Bhutan. These are grouped under the umbrella of Apollo Knowledge Vertical for academic standardization and administrative purposes.

Courses and Student Strength

The available nursing courses include GNM, BSc Nursing, M.Sc. Nursing, PhD Nursing and PG Diploma in 8 specialties. The courses are duly recognized by the Indian Nursing Council (INC). A total of 3000 undergraduate students and 260 post graduate students are enrolled in Apollo Nursing Colleges/Schools.

Faculty Development

Two faculty members from Apollo College of Nursing at Chennai and Delhi were selected by INC and trained as master trainers for the country in 'Simulation based Teaching Methods'. Faculty have completed a certificate course in Bio Ethics by UNESCO and Palliative Care Nursing by Indian Association of Palliative care.

Five faculty members successfully completed Ph.D at the Apollo College of Nursing, Chennai and were awarded by the INC and the TN Dr MGR Medical University.

Gold Medals

A total of seven students from Apollo College of Nursing, Chennai and two students from Apollo College of Nursing, Ahmedabad received gold medals for top-ranking in the university examinations of their respective states.

Placement

An average of 1000 nursing candidates graduating every year is given 100% placement in Apollo Hospitals.

Awards

Apollo College of Nursing, Chennai received the Quality Brands India College Award 2019 from the

National Education and Human Resource Development Organization (NEHDRO).



Quality Brands India College Award

Exam Centre

Apollo College of Nursing, Chennai was appointed as the test center for Occupational English Test (OET) exams, conducted every month by OET, Australia.

Research Projects

Projects of four faculties from Apollo College of Nursing, Chennai and one from Apollo College of Nursing, Madurai were selected for funding by the TN Dr. MGR Medical University and Tamil Nadu Nurses and Midwives council.

International Students Clinical Attachment Program

The 4th batch of 30 students from Ngee Ann Polytechnic, Singapore gained clinical experience for two weeks at Apollo Hospitals, Vanagaram.

International Conference on Health Care Communication

This conference was organized by Apollo College of Nursing, Chennai, in association with Occupational English test (OET) Australia, Cambridge Box Hill Language Assessment, UK, and US Consulate, Chennai. This was attended by 534 delegates from various institutions.



9th International Conference on Healthcare Communication

Workshops and Trainings

National level workshop on Robotic Surgery was organized by Apollo College of Nursing, Chennai

A state level quiz program, Q Infinity was organized by Apollo College of Nursing, Chennai

A workshop on Disaster Management, in association with National Disaster Response Force (NDRF) was conducted by Aragonda Apollo College of Nursing.

Training program on Life skills and Personality Development was conducted by the Apollo College of Nursing, Hyderabad and Chennai in association with NSS and Ministry of Youth Affairs and Sports.

Short Term Courses on peri-operative nursing, ambulance nursing, critical care drugs administration,

chemotherapy, lactation management, innovative methods of teaching learning, hospital accreditation (JCI/NABH), IELTS/OET preparatory course were conducted for the students in addition to regular syllabus.

Innovative Methods of Education

Patients as Educators: a new integrated method of teaching by involving patients suffering from chronic illness was implemented and its effectiveness was published as article.

A tool on ventilator associated pneumonia bundle for newborn was developed in association with Apollo Children's Hospital, Chennai. This was researched for its effectiveness and published.

Books Authored by Faculty

A text book on OSCE in Community Health Nursing was authored and Published by MS. Helen. M, Associate Professor of Apollo College of Nursing, Chennai.

A text book on Midwifery and Gynecological Nursing was published by Ms. Archana Morey, faculty from Apollo College of Nursing, Hyderabad.

Research Publications

The faculty from Chennai have published 17 articles, faculty from Delhi, Kolkata and Ahmedabad have published three articles each and one has been published from Hyderabad in indexed journals.

Journal Editorship

Five faculty members from Chennai and one faculty from Madurai college were selected as editors of Journals published by the Tamil Nadu Nurses and Midwives Council.

Medvarsity Online

Medvarsity Online Ltd. is India's first and largest online healthcare certification and training company. The company has upskilled and certified over 50,000 healthcare professionals across the globe. It has over

7,000 active learners during any given month with course accreditation by leading global partners. The organization has the largest network of clinical training locations across 26 cities backed by over 40,000 hours of learning content. The blended training solutions combine the best of traditional e-learning, live virtual classes, clinical bedside learning, and mobile learning models to deliver impactful courses for career advancement of healthcare professionals.

New courses were launched in 2019

PG Diploma in Clinical Nutrition
Masters in Healthcare Quality and Patient Safety
Fellowship Program in Clinical, Preventive and Non-Invasive Cardiology
Advanced Certificate in Infection Prevention and Control
Certificate in Diabetes Mellitus
Certificate Course in Hypertension Management
Certificate Course in Medical Ethics
NABH Pro - Certificate Course on NABH Accreditation Standards for Hospitals
Prevention of Sexual Harassment

New Partnership Engagements for Academic and Clinical Trainings

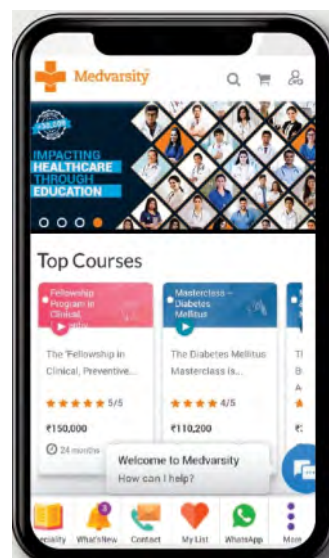
- Singhania University
- KIMS, Ongole
- Konseema Institute of Medical Sciences, Amalapuram
- People Tree Hospitals, Bangalore
- KIMS, Nellore
- Apollomedics Super Speciality Hospital, Lucknow



Konseema Institute of Medical Sciences, Amalapuram

Highlights and Achievements

- A new mobile website was launched to offer users a website experience which matches that of the global standards. Clean design, seamless navigation, and easier self-enrollment process enable a simple and intuitive experience to the visitors and eases the process of choosing the course and making payments. The performance of the website went up significantly with bounce rate improving by 11%; average time spent increased from 2.26 mins to 3.30 mins; and page views went up by 100%.

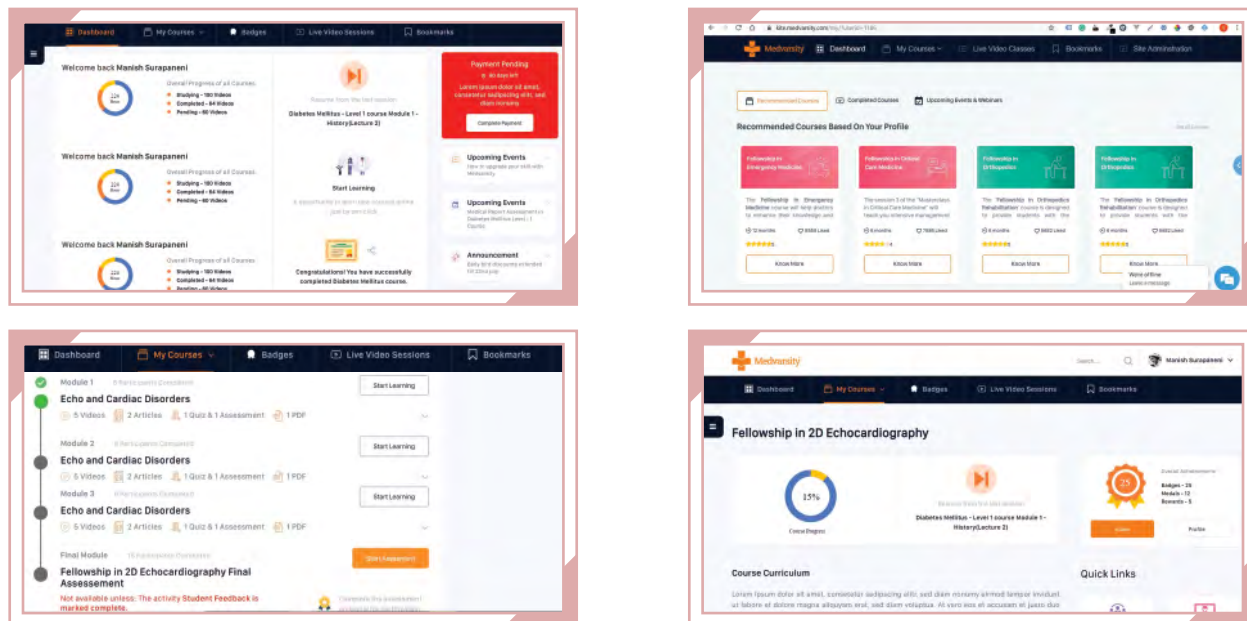


- Medvarsity, in association with CII, created a unique learning experience space at Asia Health 2019. The experience center offered the event attendees a course called Medical Ethics, especially created for them. Medvarsity successfully certified over 30% of the attendees on the day of the event.



Medvarsity in association with CII, at Asia Health 2019

- A platform called **Kite Pro** was created by Medvarsity. This platform is first-of-its-kind in the space of ed-tech. Medvarsity's Kite Learning Management System is developed on a leading open source frameworks and therefore, provides extensive capabilities for customization, integration and reporting. Kite is a cloud-hosted scalable learning management system with in-built multi-tenant capabilities. The company has been successful in leveraging Google's cloud platform in order to provide the global audience-base with an exceptional learning experience and at the same time, ensure infrastructure scalability to handle higher load on a case to case basis.



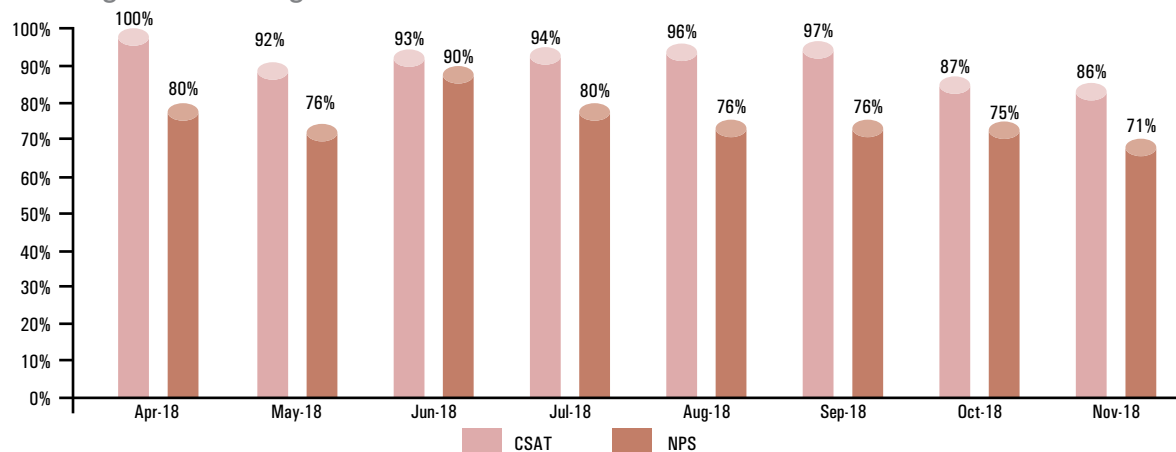
Kite Pro Platform

- Medvarsity received over 6000 enrollments in 2019.
- Medvarsity experienced an expanded reach and engagement with over 60 hospitals in 2019.

Customer Satisfaction

Customer Satisfaction (CSAT) measures were used to assess users' satisfaction with the product while Net Promoter Score (NPS) measures were deployed to assess the users' loyalty.

The following were the rating:



Apollo MedSkills

The story of Apollo MedSkills, in many ways, is the story of Skill India. The roots of Apollo Medskills are connected to the country's healthcare skilling revolution. Since its establishment and becoming operational in 2014 Apollo MedSkills Limited has evolved as one of the India's most preferred healthcare skilling partner across the country.

The lives and livelihoods of the students and their families have been greatly impacted by the skill building programmes conducted by Apollo MedSkills at more than 35 training centers and Centres of Excellence (COE) located in 22 states of India with an employee strength of over 600 professionals. The ability of Medskills to continuously innovate and offer the right course and curriculum to the students has helped to execute placement linked skill development projects ensuring life-long employability and a sustainable career path for the aspirants.

The strategy of Apollo MedSkills is to build the capacities through skilling, upskilling and re-skilling the un-employed youth, allied healthcare professionals, nurses, doctors, hospital staff respectively and create employable workforce for the healthcare industry.

Milestones achieved in 2019

Every healthcare skilling project of Apollo MedSkills aims at creating the greatest impact on the healthcare industry by providing skilled and employable workforce. MedSkills aims at improving the lives of the un-employed youth in the country by providing them with employment opportunities and thus impacting the economy of each household and the nation at large.

Operations Update

- Over 2500 un-employed youth including women were provided with livelihood opportunities in the healthcare sector. This has created a social, academic and economic impact on the individuals and their family.
- Over 15000 students underwent up-skilling training for gaining better-career opportunities
- Apollo MedSkills students had the great privilege of meeting and interacting with Honorable Governor of Telangana State Dr. Tamilisai Soundarajan.



*Apollo MedSkills students interacting with
Honorable Governor of Telangana State Dr. Tamilisai Soundarajan*

- Apollo MedSkills students from Bhopal centre working as Emergency Medical Technicians were awarded with "Best EMT" of the month for their dedicated work at Manipal Hospitals, Bengaluru.



Apollo MedSkills student, received "Best EMT" award at Manipal Hospital

- Apollo MedSkills signed anMoU with University of Bolton, in the presence of Mayor of Manchester as part of the Manchester India partnership initiative to offer healthcare management programs for healthcare professionals.
- Apollo MedSkills facilitated the visit of the delegation from the Government of the Republic of Maldives, accompanied by officials from NSDC to Apollo MedSkills Centre of Excellence in Delhi. The team was here to explore the opportunities for the implementation of Skill Development Programmes.

Beyond Brick and Mortar

The healthcare ecosystem is less automated and hence there is a huge demand for skilled workforce. Besides the theoretical knowledge provided in the classroom, the skilling programs include on-the-job-training. Blended learning methodologies are also available such as:

- Learning Management Systems (LMS) for providing online training
- Students are trained on work place etiquette, communication skills and basic computer knowledge ensuring their job-readiness when they are provided with placement opportunities.

Impact on Household Economy

By equipping the youth with required skills, they become academically qualified, socially responsible individuals for themselves, their family, society and our nation. Average household income of each student grew by 50%, with an additional contribution of Rs. 12000 to 16000 per month on an average.

Learn, Earn, Progress through Continuing Education

Students who are school drop-outs remain mostly in the below poverty line (BPL) segment. By undergoing

the skill building programs, multiple opportunities like continuing education, interaction with peer group, entry into mainstream job market, respectable job, a steady monthly income, career progression are available for them to move out of the BPL segment.

Accessibility and Availability

Medskills training is making the services trained healthcare professionals accessible and available to the people in the rural areas.

Operations Scale-Up | Achieving Excellence

Apollo Medskills- Project implementing institution

In the year 2019, there was a significant execution of various projects that had entered the final phase in the previous year. The sanction order for projects from government, institutional, domestic and international organizations, CSR projects with corporates and public limited companies became operational during the year. Therefore, the Projects Operations swung into action with plans for continuous mobilization and enrollments of target students across India, ensuring infrastructure like opening of new training centers, simulation lab set up, strengthening and re-structuring of operations by recruitment of human resources at all levels, maintaining quality in training and delivery.

Apollo MedSkills has around 110000 student enrolments, 97000 students undergone training and 78000 students placed across India cumulatively.

Government Projects

The Ministry of Rural Development (MoRD) recognized Apollo MedSkills as the Champion Employer for implementing its DDUGKY Projects across 22 states in the healthcare skilling. The aspiring students were the rural un-employed and school drop-outs who were provided with free training, boarding and lodging facilities followed by placement opportunities in the healthcare industry. Upon course completion, the students undergo an assessment and certification by Health Sector Skill Council (HSSC).

Project across India	Healthcare courses
DDUGKY projects in the states of Assam, Bihar, Chhattisgarh, Gujarat, Haryana, Himachal Pradesh, Jammu & Kashmir, Jharkhand, Karnataka, Kerala, Maharashtra, Madhya Pradesh, Manipur, Meghalaya, Mizoram, Tamil Nadu, Telangana, Tripura, Uttar Pradesh, Uttarakhand	Dialysis Technician, Operation Theatre Technician, Emergency Medical Technician (Basic and Advanced), Medical Lab Technician, Blood Bank Technician, Radiology Technician, Home Health Aide, General Duty Assistant, Pharmacy Assistant, Phlebotomy Technician, Diabetes Educator, Vision Technician, Cardiac Care Technician, Retail Sales Associate, F & B Service Trainee, Room Attendant

Projects with State Government and their Local Bodies

- **Telangana SC Development Corporation (TSSCCDC)**

Apollo MedSkills is the implementing partner for TSSCCDC to skill over 1000 SC students in healthcare programmes and provide them with job opportunities. Over 450 students have been trained and provided with employment opportunities in various organizations that have local and regional presence across the state of Telangana. Medskills continues to enroll the target students for training and achieving the objective of the project.

- **National Institute of Social Defence (NISD)**

One of the areas of concern identified by NISD was care for elderly individuals. Apollo MedSkills partnered with NISD for providing training to youth in form of a Geriatric Care Course. The pilot project of training 120 candidates in four batches was successfully completed. Another sanction of training 100 students in Geriatric Care was also completed. Placement has also been provided to the trained candidates in major healthcare organizations including Portea Healthcare, Old Age Homes, Call Health, Zoctr, Life Circle and many Home Care institutions.

- **National Backward Class Finance Development Corporation (NBCFDC)**

The project for training over a 1000 students in over six states of Jammu and Kashmir, Assam, Bihar, Karnataka, Andhra Pradesh, Telangana, Tamil Nadu is ongoing. The project aims at providing these students with placement opportunities for empowering them with livelihood skills.

- **Tamil Nadu Skill Development Corporation (TNSDC)**

Apollo MedSkills received the two sanction orders from TNSDC to train over 2135 SC students in the following courses and up-skilling them as- Emergency Medical Technicians, Blood Bank Technicians, Dialysis Technicians, Operating Theatre Technicians, Pharmacy Assistants and General Duty Assistants.

- **Tamil Nadu Slum Clearance Board (TNSCB)**

TNSCB gave two sanction orders for training 810 candidates in hospital housekeeping and nursing aide courses in Chennai, Salem and Vellore districts of Tamil Nadu State. The projects have been successfully executed and the trainees have been placed in several organizations in the healthcare industry.

Corporate Social Responsibility Projects

Think CSR | Think Healthcare

Apollo MedSkills diversified itself into CSR space as the project implementing partner for corporates and public limited organizations to invest their CSR funds into healthcare skilling and building the workforce for the sector. Cumulatively over 700 candidates in BPL

category, un-employed youth, women, were trained with an objective to empower them with education, skills and employment for sustainable livelihoods. With these CSR projects, Apollo MedSkills has made a humble beginning into the CSR space and attracting the corporates and public limited companies to invest in healthcare through their CSR projects.

Organization Name and Training Location for CSR Projects

Nirala-L&T Project, Mumbai
Indian Oil Corporation Limited, New Delhi
Rural Electrification Corporation, Bihar
Numaligarh Refineries Limited, Assam
Action Aid



Successful training under Nirala L&T CSR project at Mumbai

Addressing Global Skill Shortages in Healthcare

- UK- NHS, HEE have collaborated with Apollo Medskills and continue to fill the gap to address the manpower shortages in UK. Nurses, Emergency physicians and Radiologists are being trained for placements across NHS trust hospitals in UK.
- Bhutan- Skill Development Programmes for medical professionals in Bhutan
- Ireland- Medskills has a strategic collaboration with TTM healthcare to train Nurses and place them in NHS, Trust hospitals in UK. So far MedSkills has sourced and trained over 250

Nurses on this engagement

- Strategic tie-ups are being worked with the Governments and Private institutions in South America and Mongolia to address the skill shortages

Apollo MedSkills Foray into Future Skills

Courses in Healthcare IT

Going with the trend and the healthcare market requirement, Apollo MedSkills launched courses for engineering graduates in IT and Computer Sciences for enhancing their skills and strengthening their position in the job market. New course was launched in Healthcare IT for skilled IT professionals in Artificial Intelligence (AI), Robotics and Virtual Learning.

Apollo Institute of Medical Sciences and Research (AIMSR)

The Apollo Institute of Medical Sciences and Research (AIMSR), has established itself as a medical college of national and global reputation. The medical education system adopted at the AIMSR aims to inculcate lifelong learning habits in the medical professionals of tomorrow. The medical college is established at both Hyderabad and Chittoor, in the Andhra Pradesh/ Telangana region.

The AIMSR was ranked 23rd in the list of private medical colleges in the country.





Apollo Medical College, Hyderabad Campus



Apollo Medical College, Chittoor Campus

Convocation

The 1st Batch (2012) and 2nd Batch (2013) medical graduates received their degrees at the Convocation Ceremonies conducted in April and June 2019 respectively.

Fifty Three Gold Medals and 18 Silver Medals were awarded to the students demonstrating consistent academic excellence, in the 14 subjects, year wise, both in the university and the internal assessment examinations conducted by the college for the batches 2012 and 2013.

The Chairman, Dr Prathap C Reddy Gold Medal for the Best Outgoing Student of the Apollo Medical College, Hyderabad was presented to students of batch 2012 and 2013, who demonstrated consistent academic excellence, by scoring the maximum aggregate marks in both the university examinations and internal assessments, all through the respective years of the MBBS course.

One hundred and two Certificates of Honour were awarded to the students of 2012 and 2013 batch who scored 75% and more marks in the 14 subjects, year wise both in the university examinations and internal assessments.



Graduation Ceremony at Apollo Institute of Medical Science and Research

Achievements in 2019

1. The pass percentage of 2016 batch was 84% and 2018 batch was 92%
2. Permission was granted by the NMC/MCI, to establish PG programmes in 10 broad specialties in the Hyderabad campus, with a total of 34 seats/year.
3. The college organized a state wide METCON conference, where the latest innovations in the field of Medical Education were discussed
4. The fully functioning Central Research Laboratory was commissioned on May 2019.
5. Overall 40 research proposals were submitted by AIMSRS faculty, 17 of which were from students, with 23 having been published in peer reviewed journals. The Dean continues to be the Editor of the Journal of Global Infectious Disease.
6. The Department of Pharmacology received a DST grant for the study of Pharmacogenomics in Leukemia of over Rs.18.00L and RNTCP grant of Rs.5.00L. AIMSRS has been working with Google on several AI projects for ophthalmology since 2016 and received a consultancy grant of Rs.3.5 Cr.
7. The Teaching Hospital secured the NABH – Pre-entry level accreditation, and the Kayakalpa Certification from the Quality Control of India (QCI)
8. The NACO ART centre, RNTCP centres were established in the Hyderabad campus – the 3rd such centres in the country, and the 1st in Telangana, through a Private -Public partnership

awarded by the AIMSRS, through several conferences, educational workshop and research training classes, hosted by the institution.

Collaborations for research and faculty student exchange continued with the George University – UNSW, University of Texas, University of Geneva and nationally with – IIHM, IIT and the University of Hyderabad.

Faculty are active members and office bearers of various State and National professional bodies, having delivered over 30 guest lectures, made paper presentations or chaired national conferences. Faculty continue to be invited as examiner to various Universities for the UG, PG, Diploma and Fellowship Examination of NBE, New Delhi.

Life time Achievement Award was conferred to Prof. Dilip Mathai, Dean AIMSRS by the AIDS Society of India, for his extensive work in the field of HIV/AIDS, both nationally and internationally and to Prof. M.V. Raghavendra Rao - Emeritus Scientist and Central Research Laboratory Director, AIMSRS as the International Best Scientist by the V D Good Technology Factory, New Delhi

Faculty Development

Several faculty members participated in society meetings, university examinations, and training workshops for their continuous professional development. A total of 33 hrs CME credits were

Recognition

• AIMA Managing India Awards 2019	112
• Economic Times Family Business Awards 2019	112
• IMTJ Medical Travel Awards 2019	112
• Super Achiever Excellence in Health care award 2019	112
• Lifetime Achievement Award 2019	112
• Appointment of Ms Preetha Reddy, Executive Vice Chairperson, Apollo Hospitals, as Senior Vice President of NatHealth	113
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• India's Most Powerful Business Women in 2019	113
• Most Influential Woman of India 2019	113
• IMA Mediko Award 2019	113
• International Women Entrepreneur 2019	114
• Healthcare Transformation Leader's Award 2019	114
• Appointment of Dr Sangita Reddy, Joint Managing Director, Apollo Hospitals, as FICCI President	114
• Golden Peacock Award 2019	114
• Association of Healthcare Providers (AHPI) – Patient Friendly Award 2019	114
• ET Now-World HRD Congress – 13th Employer Branding Awards 2019	114
• ET Now-world HRD Congress - Now Dream Company Work for 2019	114
• Customer Loyalty Awards 2019	115
• CII 5S Sustenance Award 2019	115
• India's Most Admirable Brand Award 2019	115
• FICCI Healthcare Excellence Awards 2019	115
• FICCI Medical Travel Value Awards 2019	115
• Tamil Nadu Chief Minister's Comprehensive Health Insurance Scheme 2019	116
• World Health and Wellness Leadership Award 2019	116
• SKOCH Awards 2019	117
• National Human Capital Leadership Awards 2019	117
• Hospital Management Asia Award (HMA) 2019	117
• SwachhBharath Award 2019	117
• Swaach Hospital Competition 2019	118
• Award of Appreciation for the Year 2019	118

Kayakalp Award 2019	118
The WEEK- Hansa, Research Survey 2019	118
All India Lifestyle Hospital and Clinic Ranking Survey 2019 -Times of India	118
All India Critical Care Hospital Ranking Survey 2019	119
Odisha Best Employer Brand Award 2019	119
IMTJ Medical Travel Awards 2019	119
Best TLC Awards 2019	119
CM Scheme Appreciation Award 2019	119
CSSD Centre of Excellence Award 2019	119
Global Healthcare and Medical Tourism Conclave Awards and Expo 2019	119
National Healthcare Leadership Congress and Awards 2019	119
Prime Time Media - Global Healthcare Excellence award 2019	120
Express Healthcare Excellence Awards 2019	120
CII - SR Kaizen Competition 2019	120
CAHOTECH Award 2019	121
CAHO Healthcare Award 2019	121
Times Health Icon Award 2019	121
Philips Techno Connect Cup Winner 2019	122
SECONA Shield Awards 2019	122
QIMPRO Quality Fables Competition 2019	122
National Tourism Award 2019	122
India Book of records 2019	122
Max International Patient Safety Conference 2019	122
9th MT India Healthcare Awards 2019	123
CSR Health Impact Award 2019	123
Green and Clean Award 2019	123
ABP News Healthcare Leadership Awards 2019	123
Iconic Summit and Awards 2019	123
AHPI Healthcare Excellence Award 2019	124
Employer Branding Awards 2019	124
CII - DX Summit and Awards 2019	124
SIX Sigma Healthcare Awards 2019	124
WorldSkills Competition 2019	124
Best Project Implementation Agency (PIA) Award 2019	125
IHF Excellence Award 2019	125

Recognition

Apollo Hospitals was recognised and felicitated at various national and international for their achievements and contributions, in the year 2019.

AIMA Managing India Awards 2019

Chairman, Dr Prathap C Reddy, was awarded the Outstanding Institution Builder Award at AIMA Managing India Awards organised by the All India Management Association.



Chairman, Dr Prathap C Reddy, receiving the Outstanding Institution Builder Award, at AIMA Managing India Awards

Economic Times Family Business Awards 2019

Chairman, Dr Prathap C Reddy, was conferred the 'Effective Succession Planning Award' at the Economic Times Family Business Awards.

IMTJ Medical Travel Awards 2019

Chairman, Dr Prathap C Reddy, was conferred the Sanjiv Malik Lifetime Achievement award by IMTJ Medical Travel Awards for making a significant contribution to the development of medical travel and medical tourism over many years.



Chairman, Dr Prathap C Reddy, receiving the IMTJ Sanjiv Malik Lifetime Achievement Award

Super Achiever Excellence in Healthcare Award 2019

Chairman, Dr Prathap C Reddy, was conferred the Super Achiever Excellence in Healthcare Award by Rotary Institute for pioneering innovation in bringing high quality cutting edge healthcare within the reach of all and conceptualizing the preventive healthcare model.

Lifetime Achievement Award 2019

Chairman, Dr Prathap C Reddy, was conferred the Lifetime Achievement Award for Ethical Leadership and Governance by Asian Centre for Corporate Governance and Sustainability



Chairman, Dr Prathap C Reddy, receiving the Lifetime Achievement Award for 'Ethical Leadership and Governance' by Asian Centre for Corporate Governance and Sustainability

Appointment of Ms Preetha Reddy, Executive Vice Chairperson, Apollo Hospitals, as Senior Vice President of NatHealth

Ms. Preetha Reddy Executive Vice Chairperson, Apollo Hospitals Group was elected as the Senior Vice President of NatHealth for 2019-20. NatHealth is the forum that facilitates the shift in mindset, delivery and decision making in the Indian medical ecosystem



Executive Vice Chairperson, Apollo Hospitals Group, Ms. Preetha Reddy, elected as the Senior Vice President of NatHealth

Most Influential People in UK Power 2019

Ms. Suneeta Reddy, Managing Director, Apollo Hospitals, was felicitated as one of the 'Most Influential People in UK-India Relations by India Incorporated



Managing Director, Apollo Hospitals, Ms. Suneeta Reddy, felicitated as one of the 'Most Influential People in UK-India Relations by India Incorporated

India's Most Powerful Business Women in 2019

Ms. Suneeta Reddy, Managing Director, Apollo Hospitals, was felicitated by Fortune India as India's Most Powerful Business Women in business that are making an impact by virtue of their business acumen and social and cultural influence.

Most Influential Woman of India 2019

Ms. Shobana Kamineni, Executive Vice Chairperson of Apollo Hospitals Enterprise Limited was named amongst the Most Influential Woman of India by Business World



Executive Vice Chairperson of Apollo Hospitals Enterprise Limited, Ms. Shobana Kamineni, felicitated as Most Influential Woman of India

IMA Mediko Award 2019

Dr Sangita Reddy, Joint Managing Director, Apollo Hospitals was conferred the Best Female Healthcare Leader Award, by Shri Etela Rajender, Minister for Medical, Health and Family Welfare, Government of Telangana.



Joint Managing Director, Apollo Hospitals, Dr Sangita Reddy, receiving the Best Female Healthcare Leader Award, from Shri Etela Rajender, Minister for Medical, Health and Family Welfare, Government of Telangana

International Women Entrepreneur 2019

Dr Sangita Reddy, Joint Managing Director, Apollo Hospitals was conferred the International Women Entrepreneur from India by IWEF Foundation at 12th IWEF Awards and Conference.



Joint Managing Director, Apollo Hospitals, Dr Sangita Reddy, receiving the International Women Entrepreneur Award at 12th IWEF awards and conference

Healthcare Transformation Leaders' Award 2019

Dr Sangita Reddy, Joint Managing Director, Apollo Hospitals was felicitated with the prestigious Healthcare Transformation Leaders' Award for her exemplary role in India's healthcare sector at 'Annual Healthcare Innovation Summit – Healthcare in Today's Digital India'.

Appointment of Dr Sangita Reddy, Joint Managing Director, Apollo Hospitals, as FICCI President

Dr Sangita Reddy, Joint Managing Director, Apollo Hospitals Group, was elevated as FICCI President for 2019-20 at the apex chamber's 92nd Annual Convention in New Delhi

Golden Peacock Award 2019

The Golden Peacock Awards, instituted by the Institute of Directors (IOD), India is considered the hallmark of Excellence worldwide.

The award was conferred to **Apollo Hospitals, Ahmedabad** for Energy Efficiency.

Association of Healthcare Providers (AHPI) – Patient Friendly Award 2019

The award was conferred to **Apollo Health City, Hyderabad** by AHPI for the category Patient Friendly Hospital.

ET Now-World HRD Congress – 13th Employer Branding Awards 2019

The Best Employer Award was conferred to **Apollo Hospitals Group** for the Organizational Category.

ET Now-World HRD Congress - Now Dream Company Work for 2019

Apollo Hospitals Group won the highest number of awards won by any organization.

Category: Award for Managing Health at Work

Apollo Gleneagles Hospital, Kolkata

Apollo Hospitals, Hyderabad

Category: Dream Companies to Work for – Healthcare Sector

Apollo Hospitals, Navi Mumbai

Apollo Hospitals, Hyderabad

Category: Fun at Work Award

Apollo Hospitals

Category: Dream Companies to Work for – Healthcare

Apollo Hospitals Group



Customer Loyalty Awards 2019

The award was conferred to **Apollo Health City, Hyderabad** for Best CRM Programme at the 6th Customer Loyalty Awards.



Apollo Health City, Hyderabad team receiving the 6th Customer Loyalty Awards

CII 5S Sustenance Award 2019

The award was conferred to **Apollo Cancer Institute, Teynampet**, for the Large Scale Service Category by Confederation of Indian Industry - Southern Region.

India's Most Admirable Brand Award 2019

The award was conferred to **Apollo Hospitals, Group** by the Brand Story Telecast on NDTV

FICCI Healthcare Excellence Awards 2019

The FICCI Healthcare Excellence Awards, aim to felicitate organizations and individuals for their contributions to the industry through innovation, efficiency, affordability and improved performance of healthcare delivery.

The awards won by Apollo Hospitals were:

Category: Service Excellence

Indraprastha Apollo Hospitals, Delhi for Innovative Internal Patient Transport System

Category: Skill Development

Apollo MedSkills for Skill Training and Enhancement program project (Reskilling and up skilling training for Government Hospital Staff)



Apollo Hospitals Group team receiving the FICCI Healthcare Excellence Awards

FICCI Medical Travel Value Awards 2019

Federation of India Chamber of Commerce and Industry (FICCI), is the voice of India's business and industry. The FICCI Awards have emerged as the

definitive recognition for contribution to healthcare in the country over the years based on innovation, sustainability, impact and scalability which forms the four criteria's for evaluation.

Out of the total 15 award categories, Apollo Hospitals won six awards in five categories:

Category: Medical Value Travel Specialist Hospital - Kidney Transplant

Indraprastha Apollo Hospitals, Delhi

Category: Medical Value Travel Specialist Hospital - Liver Transplant

Indraprastha Apollo Hospitals, Delhi

Category: Medical Value Travel Specialist Hospital - Oncology

Apollo Cancer Institutes, Chennai

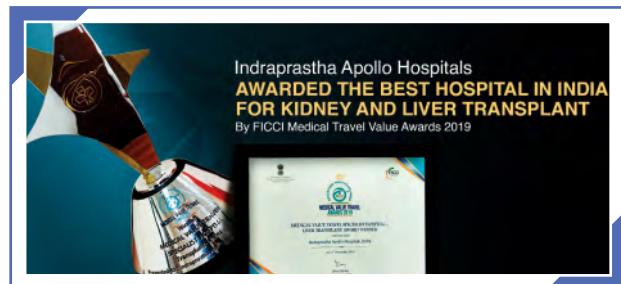
Apollo Gleneagles Hospitals, Kolkata

Category: Medical Value Travel Specialist Hospital - Bone Marrow Transplant

Apollo Cancer Institutes, Chennai

Category: Medical Value Travel Specialist Hospital - Cardiology Cardiac Surgery

Apollo Hospitals, Chennai



TN Chief Minister's Comprehensive Health Insurance Scheme 2019

Apollo Cancer Centre, Teynampet was felicitated for high scores amongst the empanelled hospitals, in the TN Chief Minister's Comprehensive Health Insurance Scheme by the Health Minister Mr. Vijayabhaskar, Government of Tamil Nadu.



Apollo Cancer Centre, Teynampet team receiving the TN Chief Minister's Comprehensive Health Insurance Scheme award by the Health Minister Mr. Vijayabhaskar

World Health and Wellness Leadership Award 2019

The award was conferred to Apollo Tele Health Services (ATHS) for the categories:

Best Telemedicine Company

Best use of Technology in Healthcare



ATHS team receiving the World Health and Wellness Leadership Award

SKOCH Awards 2019

The award was conferred to **Apollo Tele Health Services (ATHS)** for the categories:

Category: Grand Jury Gold for Apollo Tele-ophthalmology Project

Category: Order of Merit Gold for Apollo Tele-ophthalmology Project

National Human Capital Leadership Awards 2019

The award was conferred to **Apollo Hospitals Group** for the category 'Organization Awards for Best Employer Brand'

Hospital Management Asia Award (HMA) 2019

The Asian Hospital Management Awards recognizes and honours hospitals in Asia that implement best practices. It is the accepted hospital management awards program for Asia Pacific Region. For the HMA Awards 2019, held at Hanoi, Vietnam, there were 500 entries from 129 hospitals across 17 countries.

Apollo Hospitals Group won 10 awards in 8 categories, the highest number of awards won by any organization.

Category 1: Clinical Service Project

Apollo Hospitals Group- Project Excel - The Quality for Excellence (Q4E) Program (GOLD AWARD WINNER)

Category 2: Community Involvement Project

Apollo Hospitals Enterprise Limited – Total Health

Category 3: Cost Reduction Project

Apollo Hospitals, Ahmedabad- Innovations in Energy Efficiency Leading to Reduction in Cost and Carbon Footprint of the Hospital

Category 4: Customer Service Project

Apollo Hospitals, Dhaka- Innovation in Discharge Delighters for improving experience

Category 5: Facility Management and Financial Improvement Project

Apollo Gleneagles Hospitals, Kolkata- Creating a Sustainable Facility along with associated Opportunities of Cost Saving: The GO GREEN INITIATIVES

Category 6: Innovations in Hospital Management Project

Apollo Hospitals Group- Project 365

Category 7: Patient Safety Project

Apollo Hospitals Group - CHECK FOR THE CRITICAL- The Apollo ICU Checklist

Indraprastha Apollo Hospitals - Everyone goes Home Safe: creating a culture of safety

Category 8: Talent Development Project

Apollo Medical Centre, Karapakkam- Project KEN- Revisiting physiological CTGthe unseen spectrum of the PRISM!!!

Apollo MedSkills Limited - RE-SKILLING & UP-SKILLING TRAINING FOR GOVERNMENT HOSPITAL STAFF & NURSES

Swachh Bharath Award 2019

Swachh Bharath Award is an initiative to recognize and encourage top performing organizations in the space of sanitation and cleanliness.

The award was conferred to **Apollo Speciality Hospitals, Trichy** by the Municipal Corporation of Trichy

Swaach Hospital Competition 2019

Apollo Hospitals, Navi Mumbai was the bestowed "Winner Award" for competition organised by Swaach Bharat Mission (NMMC)

Award of Appreciation for the Year 2019

The award was conferred to **Apollo Loga Hospitals, Karur** by the Honourable Minister for Health, Dr. Vijaya Bhaskar, towards Chief Ministers' Comprehensive Health Insurance Scheme

Kayakalp Award 2019

The award was conferred to **Apollo Reach Hospital, Karaikudi**. This award aims at felicitating health facilities that demonstrate high levels of cleanliness, hygiene, infection control and apply other measures that promote cleanliness in public space.

The WEEK- Hansa, Research Survey 2019

The Best Hospital Survey 2019 conducted by THE WEEK in association with Hansa India, ranks multi-speciality hospitals at an all India level, city level and speciality – wise. Various parameters were considered in the process of selecting the best hospitals; like the competency of the doctors, patient care and availability of multi – specialty facilities, reputation, infrastructure, innovation and environment. 2033 doctors (726 physicians and 1307 specialists) from 17 cities were consulted, for their opinion regarding the top ranking hospitals in India and hospitals with best ranking specialties.

Apollo Hospitals, Chennai was ranked as Best Corporate Hospital in the country in 2019. **Indraprastha Apollo Hospitals, Delhi** was ranked as the Third Best Corporate Multi-speciality Hospital in the country.

Apollo Gleneagles Hospitals, Kolkata was ranked the First Best Corporate Hospital in the East Zone. **Apollo Hospitals, Bhubaneshwar** was ranked as Third Best Private Hospital in East Zone.

Indraprastha Apollo Hospitals, Delhi was ranked as the Second Best Hospital in North Zone.

Apollo Hospitals, Chennai was ranked as the Best Corporate Hospital in South Zone. **Apollo Hospitals, Hyderabad** was ranked as the Second Best Corporate Hospital in South Zone.

Apollo Hospitals were also ranked as the best multi-speciality hospitals in the cities of Delhi, Chennai, Hyderabad, Kolkata, and Bhubaneshwar by the survey.

Apollo Hospitals at Chennai, Delhi, Hyderabad, Bangalore, Kolkata, Teynampet, ACH featured amongst the top 15 hospitals in the country in the specialties of Oncology, Orthopedics, Gastroenterology, Cardiology, Neurology, Paediatrics, Pulmonology.

All India Lifestyle Hospital and Clinic Ranking Survey 2019 -Times of India

The objective of this research was to arrive at a list of top hospitals and clinics in India. The specialties included in the research were Orthopedics, Dentistry, Diabetology, Dermatology, Plastic Surgery, Trichology, Ophthalmology and Bariatrics.

Apollo Hospitals, Chennai was ranked as the Best Hospital in India for the specialties of Orthopedics and Dermatology

Indraprastha Apollo Hospitals, Delhi was ranked as the Best Hospital in India for the specialties of Trichology, Cosmetic and Plastic Surgery

Apollo Gleneagles Hospitals, Kolkata was ranked as the Best Hospital in east region for Bariatrics, Cosmetic and Plastic Surgery, Dermatology, Orthopedics, Trichology

Apollo Hospitals, Chennai was ranked as the Best Hospital in southern region for Bariatrics, Cosmetic and Plastic Surgery, Dermatology, Orthopedics

Indraprastha Apollo Hospitals, Delhi was ranked as the Best Hospital in north region for Bariatrics, Cosmetic and Plastic Surgery, Diabetology, Ophthalmology, Orthopedics, Tricology

All India Critical Care Hospital Ranking Survey 2019

The objective of this research was to arrive at a list of top multi-speciality, super-speciality and single speciality hospitals in India

Apollo Hospitals, Chennai was ranked as the Best Multispecialty Hospital in India, for the specialties of Oncology, Cardiology, Paediatrics, Neuro Sciences, Nephrology, Gastroenterology and Hepatology, Urology, Emergency and Trauma.

Odisha Best Employer Brand Award 2019

The award was conferred to **Apollo Hospitals, Bhubaneswar** for Odisha Best Employer

IMTJ Medical Travel Awards 2019

The award was conferred to **Apollo Speciality Cancer Hospital, Chennai** by IMTJ in Berlin for the category of 'International Cancer Centre of the Year'.

Best TLC Awards 2019

The first place for 'Best TLC Award- for Pediatric Patients' was conferred to **Apollo Hospitals, Chennai** under Group C category

CM Scheme Appreciation Award 2019

The awards was conferred to **Apollo Hospitals, Chennai** for performing highest number of cardiac procedures by Tamil Nadu Government under the CM Scheme

CSSD Centre of Excellence Award 2019

The awards were conferred to Apollo Hospitals at the 9th International Congress of The Asia Pacific Society of Infection Control.

Winners:

Apollo Gleneagles Hospitals, Kolkata

Apollo Hospital, Chennai

Apollo Hospital, Mumbai

Global Healthcare and Medical Tourism Conclave Awards and Expo 2019

The award was conferred to **Apollo Hospitals, Chennai** for Organization wide Quality Initiatives, in the category Best Multi-Specialty Hospitals - Southern Region.

National Healthcare Leadership Congress and Awards 2019

The award was conferred to **Apollo Hospitals, Chennai** by Zee Business for Organization wide Quality Initiatives, in the category Best Multi-Specialty Hospitals

Prime Time Media - Global Healthcare Excellence award 2019

The award was conferred to **Apollo Specialty Hospitals, Vanagaram** for Best Multi-specialty Hospital in Tamil Nadu

Express Healthcare Excellence Awards 2019

The Express Healthcare Excellence Awards serve as a platform for healthcare providers to showcase their innovative programmes and solutions for patient satisfaction, operational excellence and better medical outcomes, reach profitability and improve processes with their organization.

The awards won in various categories by Apollo Hospitals were:

Category: Best Patient Safety Practices Award

Winner: **Apollo Health City, Hyderabad**

Category: Best Patient Satisfaction Programme Award

Winner: **Apollo Speciality Hospitals, Vanagaram**

Category: Best Green Hospital Award

Winner: **Apollo Speciality Hospitals, Vanagaram**



Apollo Hospitals team receiving the Express Healthcare Excellence Awards

CII – SR Kaizen Competition 2019

The awards won in various categories by Apollo Hospitals were:

Category: Operators

Winner: **Apollo Specialty Hospitals, Vanagaram** for the project Defect Free Room

Category: Supervisors

Winner: **Apollo Specialty Hospitals, Vanagaram** for the project Discharge Process Vs Customer Satisfaction

Category: Productivity Supervisor Level

Winner: **Apollo Specialty Hospitals, OMR** for the project Optimum Water Consumption Productivity

Category: Supervisor and Operator

Winner: **Apollo Cancer Institute, Teynampet**

CAHOTECH Award 2019

The award was conferred to **Indraprastha Apollo Hospitals, Delhi** at the 4th International Healthcare Technology Conference of Consortium of Accredited Healthcare Organizations (CAHO) for the project 'Dial 77 - One Touch Button for all Non -Clinical Needs'



Indraprastha Apollo Hospitals, Delhi team receiving the CAHOTECH Award

Times Health Icon Award 2019

The award was conferred to **Apollo Hospitals, Ahmedabad** for the categories:

- Hub for Medical Tourism
- Oncology Services
- Emergency and Trauma
- Critical Care
- Interventional Neurology



CAHO Healthcare Awards 2019

Apollo Hospitals, Ahmedabad was bestowed the CAHO Healthcare Award for the project Conservation of Water. The institution had revisited the existing opportunities and increased storage capacity of RO reject water as well as utilizes other accepted and appropriate uses.



Apollo Hospitals, Ahmedabad team receiving the CAHO Healthcare Award



Apollo Hospitals, Ahmedabad team receiving the Times Health Icon Awards

Philips Techno Connect Cup Winner 2019

The award was conferred to **Apollo Hospitals, Navi Mumbai** in the category Service Excellence for Achieving High Up-Time

SECONA Shield Awards 2019

The award was conferred to **Apollo Gleneagles Hospitals, Kolkata** for the category 'Safe Hospital of the Year'

QIMPRO Quality Fables Competition 2019

The award was conferred to **Apollo Gleneagles Hospitals, Kolkata** for the project 'How a Needle Changed Lives'

National Tourism Award 2019

The award was conferred to **Apollo Hospitals, Hyderabad** by the World Tourism Organisation (UNWTO) for the category 'Best Medical Tourism Facility'. The forum also recognised the pioneering private healthcare revolution brought about by Apollo Hospitals in the country.



Apollo Hospitals, Hyderabad team receiving the Best Medical Tourism Facility Award

India Book of Records 2019

India Book of Records recognized Apollo Hospitals in association with IMA-Women Doctors Wing for their efforts for creating awareness about organ donation. Apollo Hospitals holds the India Book Record for "Maximum Number of People pledge for Organ Donation in One Day". The entire team of doctors approached the students, the teachers and the members of the community for creating awareness and pledging for Organ Donation on August 13, 2019.



Max International Patient Safety Conference 2019

Awards were conferred to **Indraprastha Apollo Hospitals, Delhi** during this Conference for

Paper presentation

Staff Skilling and Education

Silent Hospital Helps Healing

Poster presentation

Porter Management System

Peace to Panic

Drug Information Centre.

9th MT India Healthcare Awards 2019

The award was conferred to **Indraprastha Apollo Hospitals, Delhi** by Medgate Today for the category Best Hospital in Facility Management and Hospitality



Indraprastha Apollo Hospitals, Delhi received the 9th MT India Healthcare Awards

CSR Health Impact Award 2019

The award was conferred to **Indraprastha Apollo Hospitals, Delhi** for the category- WASH Initiative



Indraprastha Apollo Hospitals, Delhi team receiving the CSR Health Impact Award

Green and Clean Award 2019

The award was conferred to **Apollo Hospitals, Bhubaneswar** by GSK and Bureau Veritas.

ABP News Healthcare Leadership Awards 2019

The ABP News Health Care Leadership Awards is a premium forum bringing the best industry professionals who have made significant contributions in the industry.

The awards won by Apollo Hospitals were:

Apollo Gleneagles Hospital, Kolkata for Best Green Hospital

Apollo Hospitals, Hyderabad for Best Multi-speciality Hospital Region-wise (South India)



Apollo Hospitals, Hyderabad team receiving the ABP News Healthcare Leadership Award

Iconic Summit and Awards 2019

The award was conferred to **Apollo Gleneagles Hospitals, Kolkata** for the category 'Most Trusted Hospital for the Innovation of the Year' by Iconic Summit and Awards 2019, Topgallant Media

AHPI Healthcare Excellence Award 2019

The award was conferred to **Indraprastha Apollo Hospitals, Delhi** for

Nursing Excellence

Quality beyond Accreditation



Employer Branding Awards 2019

The Maharashtra Best Employer Brand Award was conferred to **Apollo Hospitals, Navi Mumbai**

CII - DX Summit and Awards 2019

The award was conferred to **Apollo Tele Health Services (ATHS)** in category 'Most Successful Digital Transformation for their project 'Jharkhand Digital Dispensary'



ATHS team receiving CII - DX Summit and Award

SIX Sigma Healthcare Awards 2019

The award was conferred to **Apollo Tele Health Services (ATHS)** in the category Rural Healthcare Initiative of the Year for their project 'Jharkhand Digital Dispensary'

WorldSkills Competition 2019

Ms Thasleem Mohideen, **Apollo Medskills** was conferred the Medallion for Excellence, for the category Health and Social Care at the 45th WorldSkills Competition in Kazan, Russia.



Ms Thasleem Mohideen, Apollo Medskills received Medallion for Excellence award at 45th WorldSkills competition in Kazan, Russia

Best Project Implementation Agency (PIA) Award 2019

The award was conferred to **Apollo MedSkills**, by Kudumbashree Mission, Government of Kerala



Apollo Medskills team receiving PIA Award

IHF Excellence Award 2019

Apollo Health & Lifestyle Ltd. was conferred the Gold Winner of the IHF/Austco Excellence Award for the category Quality and Safety and Patient-centered Care at the International Hospital Federation Awards for Apollo Safety Development Model: Building a Culture of Safety at Apollo Specialty Hospitals



Apollo Health and Lifestyle Ltd. team receiving IHF Excellence Award

Research

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Research

Apollo Hospitals Educational and Research Foundation (AHERF)

AHERF is a not for profit organisation recognised by the Department of Scientific and Industrial Research (DSIR) and is focused on basic, translational and epidemiological research. AHERF comprises of the Cell and Molecular Biology Research Centres (CMBRC) situated at Chennai, Hyderabad and Delhi. CMBRC enables basic and translational research projects in cutting edge areas such as liquid biopsy, molecular diagnostics, pharmacogenetics and exosomes. Further AHERF also spearheads a faculty development programme to spawn research pilots for basic research projects.

Accreditation

Association for the Accreditation of Human Research Protection Program (AAHRPP) Accreditation-

AHERF has been awarded full accreditation and honoured with the global 'gold seal' by AAHRPP. To earn AAHRPP accreditation, AHERF provided tangible evidence of their commitment to scientifically and ethically sound research and continuous improvement through policies, procedures, and practices. As the 'gold seal' AAHRPP accreditation assures that the Human Research Protection Program is focused first and foremost on excellence. Five Ethics Committees and 13 Apollo Hospitals sites fall under the purview of this accreditation.

Projects

Circulatory Biomarker Biology Program: AHERF has established a wide array of circulatory biomarkers in the form of cell free DNA, exosomes and circulatory tumour cells. Exosomes form one of the major flagship programs of CMBRC, AHERF. Exosome biology is being now used to develop exosome-based

diagnostics, drug delivery vehicles and cell free therapeutics. AHERF has made a foray into diagnostics and drug delivery system and is making efforts to develop exosome-based therapeutics.

Biomarkers: Exosome biology was used to detect serum EGFRvIII from the blood which stood as a diagnostic marker for detecting high grade gliomas. CMBRC is working on for establishment of detection biomarkers in diabetic nephropathy, renal transplant rejection and head and neck cancers.

Glioblastomas: The liquid biopsy testing for GBM was conceptualized in AHERF and proof of concept achieved. This underwent further dual validation in collaboration with a diagnostics partner. AHERF developed and used exosome technology for the studies. AHERF provided a platform for scientists in the laboratory to work with clinicians at the hospital to establish an alternative method for diagnosis of high-grade brain tumours using an exosome platform. AHERF along with its partners, introduced liquid biopsies as part of its precision oncology program – Apollo Hospitals unique approach for precise and personalised diagnoses, treatment and monitoring of cancer.

Drug Delivery agents: CMBRC is in the initial process of working on exosomes as drug delivery agents and further research to deploy exosomes as therapeutic agents.

AHERF is working on various research projects using exosome technology as a base platform. The projects focus on diagnostics, drug delivery and therapeutic application.

Some of these are:

- Development of urinary biomarker for early renal rejection

- Development of early diagnostic panel for identifying diagnostic nephropathy
- Development of companion diagnostic for Mithramycin drug in gliomas
- Development of exosomal curcumin from milk exosomes
- Development of fruit exosomes as drug delivery vehicle
- Development of exosomal dendritic cell vaccine

Extra Mural Grants Received

- Successfully secured Department of Biotechnology (DBT) grant in collaboration with Apollo Medical College for Identification of pharmacogenomics determinants causing toxicity in paediatric ALL.
- Successfully secured grant by Novartis for development of urinary exosomal diagnostics.
- Secured BIG grant for development of Alzheimer diagnostics.
- Secured BIG grant for development of salivary exosome diagnostics.
- Prime Minister's Research Fellowship was granted to a research scholar working at CMBRC

Collaborations

Collaboration with University of Hyderabad (UoH)

A memorandum of Undertaking (MOU) has been signed between UoH and AHERF. The MOU would facilitate in conducting collaborative research activities, epidemiological and population studies, interventional studies, clinical trials, health systems research, patient safety and healthcare quality. Conduct of conferences and workshops would enable exchange programs between various disciplines.

Collaboration with Manitoba Chemosensory Biology Group (University of Manitoba)

This collaboration is aimed at developing salivary exosome protocols for detecting bitter receptors – G-protein-coupled receptors (GPCR) in pathological conditions.

Collaboration with Ncare Solutions

A master research collaboration agreement was signed with Ncare. Ncare and AHERF are working to develop dendritic cell vaccine/ dexosomes.

Guru Nanak Institutions

AHERF has undertaken a retrospective study in collaboration with Guru Nanak Institutions in the field of Medical Imaging. The study is aimed at clinical validation of image fusion protocol. Image fusion protocols, enable better tissue discrimination. Currently, the data is being analyzed for validating the algorithm developed by Guru Nanak Institutions.

Collaboration with CSIR-IICT, Hyderabad

With this collaboration, AHERF and CSIR-IICT aim to develop:

- Exosome and exosome mimetic drug delivery systems
- Dendritic cell-based vaccine

Collaboration with Mitra Biotech

Mitra Biotech, a mid-sized biotechnology firm offering personalized chemosensitivity assay based on tumors response to oncology drugs invitro. The major aims of the collaboration are two-folds:

- Develop and enhance Mitra Biotech "CanScript" assay with exosome platform
- Repurpose old drugs for new oncology applications using MitrasCanScript and AHERF exosome platform

Collaboration with Stemcyte India

Stemcyte provides a complete stem cell solution from banking to application and treatment. AHERF and Stemcyte undertook a collaborative research agreement to establish exosome therapeutics from cord blood. The project would lead to novel cell free regenerative medicine for treating cardiology and oncology complications.

Collaboration with Nizams Institute of Medical Science

The collaboration is to develop exosomal therapeutics. This collaboration would lead to access of clinical samples outside Apollo Hospitals.

Collaboration with Sanofi

Sanofi, a leading multinational pharmaceutical company, with innovative research initiatives is working on collaboration with Apollo Hospitals for translational research in the areas of disease biology, target identification and validation, drug effects and drug-drug interaction, clinical trials and training programs. Sanofi jointly conducts a list of GCP workshops and other program such as pharmacovigilance, medical writing, monitoring, audits, inspection and regulatory subjects in association with AHERF.

Collaboration with Pfizer

Pfizer, a leading multinational pharmaceutical company is working with Apollo Hospitals and has selected their sites as part of the global INSPIRE program. This program enables the sites to obtain the feasibility of any Pfizer clinical study planned for India. The Chennai, Hyderabad and New Delhi centres of Apollo Hospitals are a part of the INSPIRE sites.

Comparative population studies in chronic diseases, understand various aspects of wellness, disease progression

AHERF signed an MOU with the research division of a Canada based public hospital to undertake

comparative population studies in chronic diseases, understand various aspects of wellness, disease progression and treatment for individuals in South-Asian population along with Caucasians, and to identify unique services delivery models.

Collaboration with IIT, Hyderabad

The aim of the collaboration is to develop/ foster

- Advanced Drug delivery systems using exosomes
- Development of microfluidics approaches to quantify extracellular vesicles.

Jamia Hamdard University, New Delhi

MoU was signed with the Hamdard University with a focus to enhance the educational and training in research. The objective of the cooperation is to provide opportunities for staff and students of both institutions for exchange of knowledge through seminars/ workshops and meetings.

Maulana Azad University, Jodhpur

A MoU was signed with the School of Public Health of the University, to facilitate the internship on hospital operations and provide a short term certificate course on pharmacovigilance. This initiative was undertaken for the benefit of national and international students pursuing Masters Degree in Hospital Administration with Jodhpur School of Public Health. Ten international students completed their training and observership program at Indraprastha Apollo Hospitals in 2019.

AHERF Incubated Companies

Sapien Life Science – This start-up seeded at AHERF, is working independently working since the last 5 years for developing bio-banks for research purpose.

Urvogelbio – A biotechnology start-up incubated at AHERF is developing non-invasive diagnostics for Dementia. This company's mission is to develop early, non-invasive screening panel to detect populations at risk for Alzheimer's disease and other neurodegenerative disorders.

Sephirah – This start up company incubated at AHERF and ARI provides support for conduct of clinical trials for the proposed research. This start-up has been able to raise seed capital in the form of Biotechnology Ignition Grant (BIG) from Department of Biotechnology. Sephirah with the start-up grant would be developing salivary diagnostics for detecting HPV positive cancers.

Faculty Development Projects

This program proposes to establish a research culture at Apollo Hospitals. Consultants at Apollo Hospitals submit their research proposals for consideration in this program.

Projects are granted sanction on the fulfilment of the following pre-requisites:

- Development of full proposal for extramural support
- Submission of paper for publication
- Presentation of data at national/international meetings

Measurable elements of success include:

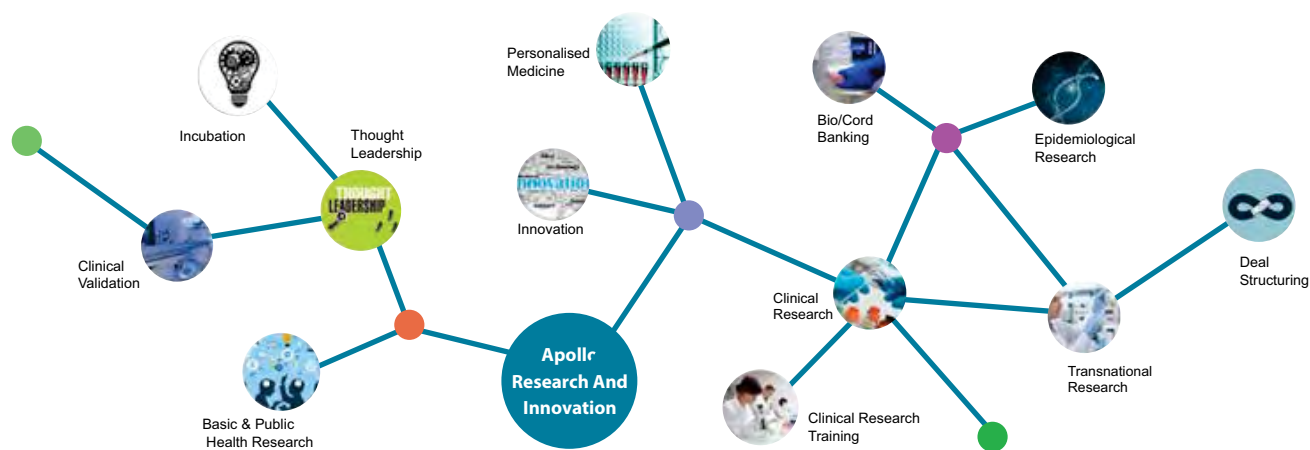
- Number of publications
- Amount of extra-mural grants generated.

Five studies were approved in 2019 and were initiated after the approval of Ethics Committee.

Apollo Research and Innovations (ARI)

Apollo Research and Innovations (ARI) focuses on scouting, evaluating, deploying and integrating innovations across Apollo Hospitals. Innovations span across drugs, devices, healthcare software or consumer goods of clinical relevance. ARI provides an end to end platform for converging clinical insights, technology and business to spawn innovation and research within the Apollo Hospitals ecosystem.

ARI has a comprehensive ecosystem to undertake clinical studies for sponsored drug trials, devices, software as well as consumer goods. Apollo Hospitals currently is India's single largest clinical site solutions organization and has undertaken over 1150 clinical studies over ten therapeutic areas. The dedicated team for undertaking these clinical studies consists of over 80 professionals located across 14 different Apollo Hospitals. This competence has been further evolved to extend co-development capabilities and augmenting creative business models.



ARI Vision

The vision of ARI is to foster innovation in technology, therapy, processes and business models to achieve greater access, affordable costs and global quality standards.

Work Scope

ARI works across a diverse set of focus areas namely – clinical studies, clinical research training program, evaluation and/or pre-market validation studies, device and software validation studies and co-development, basic and translational research, public health studies, personalized medication and healthcare innovation through creative collaborations

Clinical Research- Overview

Institutional Ethics Committee

- Institutional Ethics Committee – Clinical Studies**

ARI provides expert advice and recommendations to the research sites on various aspects of ethical conduct of clinical research. This enables the centres to comply with the stringent regulatory changes. The ethics committees are registered with DCGI. The ethics committees at the following Apollo Hospitals locations- Ahmadabad, Bhubaneswar, Chennai, Hyderabad, Madurai and New Delhi have received their NABH accreditation.

- Institutional Ethics Committee – Bio Medical Research**

As per the latest regulatory guidelines, ARI at various centres has constituted a separate ethics committee for biomedical research in compliance with ICMR guidelines. This committee reviews proposals pertaining to the academic, collaborative research proposals, investigator driven research studies and healthcare research.

- Institutional Committee for Stem Cell Research (IC-SCR)**

IC-SCR has been formed at Apollo Hospitals at Chennai and New Delhi to review and approve the

stem cell research proposals as per DBT-ICMR guidelines. The committees are registered with National Apex Committee (NAC) and Department of Biotechnology (DBT). The chairpersons of the respective committees at each institution ensure the conduct of meetings as per the standard protocols to review all stem cell related projects.

Experiences in Clinical Trials

ARI has vast experience in ethical conduct of clinical trials, clinical research studies, registries and data collection studies, validation studies, investigator initiated research studies, non-clinical studies, basic research studies and translational research studies. ARI has the experience of conducting over 1150 clinical studies over the last 19 years across 17 locations Pan India. Eight percent of these studies are in Phase II, 65% in Phase III, 21% in phase IV and the rest 6% are registries/data collection studies for trials in cardiology, oncology, diabetology, neurology, orthopaedics, nephrology, and other therapeutic disciplines. Currently 150 clinical trials are on-going in the fields of oncology, cardiology, nephrology and other therapeutic areas.

Device Studies

ASHA+ commercialised at Apollo Hospitals - ARI successfully conducted a validation study of vitals monitoring device ASHA+ at Apollo Hospitals Chennai. The study showed a seamless connectivity with the current point of care (POC) devices being used at Apollo Hospitals for vitals monitoring. About 1000 participants were tested on parameters such as temperature, blood pressure, heart rate, oxygen saturation, random blood sugar, ECG, stethoscope. ASHA+ is currently being used by Apollo Telehealth Services (ATHS) for providing early screening and diagnosis of non-communicable diseases.

CNOGA- A validation study was conducted to evaluate the performance of TensorTip MTX in comparison to standard POC devices used at Apollo Hospitals in measuring the vital signs. The novel non-invasive fingertip device measured six vital parameters based on real time colour image sensor by

photographing the fingertip tissue. The device was tested at two centres in Hyderabad on over 300 patients for the measurement of physiological and haematological parameters.

SALCIT device for asthma diagnosis – Salcit Tech relies primarily on respiratory sound (cough and wheeze) characteristics and provides non-invasive, lab free technique of early screening and recovery monitoring services. The technique addresses some known gaps in accurate and differentiated diagnosis of chronic respiratory diseases (CRD's). Over 100 patients participated in the study.

ARI Facilitated Studies

Lipo Test – ARI conducted and coordinated a validation study on Lipo Test meal as a diagnostic tool for determining the cardiovascular risk factor in patients with risk for metabolic syndrome. The study enrolled 850 patients with specific criteria and the outcomes showed that 20% of the patients still had CV risk inspite of the statin usage.

Apollo-Abbott Registry – The objective of the registry is to evaluate the risk factor for CAD in patients undergoing healthcheck with high sensitivity Troponin I as predictive marker. The study is initiated in six of Apollo Hospital centres. The outcome of the study aims to include HS Troponin I as a routine marker in health check.

Apollo Cardiovascular Registry – This is a multicentre prospective observational study on cardiovascular risk factors. This study aims to build an intuitive model based on artificial intelligence and deep learning algorithms and is compared to traditional risk score frameworks like Framingham Risk Score. The study was conducted at across nine Apollo Hospitals units across India.

Credence Genomics NGS (Next Generation Sequencing) set up – ARI coordinated the validation of the technology introduced by Micro - Genomics, division of Credence Genomics - a Sri Lankan

genomics company. The study involved validation of NGS technique for diagnosis of infectious disease pathogens with a sensitivity of over 90 % and TAT of 36 hours both for bacterial and fungal infections. This technique would be helpful for mixed infections where organisms cannot be identified. This has the potential to reduce anti-microbial resistance by enabling the early choice of right antibiotics.

Clinical Research Training – Overview

The objective of this initiative is to train and equip young professionals with the critical skills needed to develop and promote scientifically valid and ethically appropriate clinical research. This is also aimed at collaborating with the industry leaders and giving hands on experience to acquire expertise in the area of clinical research. The following are the courses run:

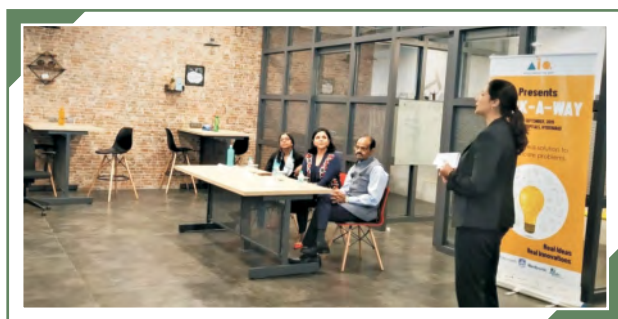
- **Advanced Post Graduate Diploma in Clinical Research (APGDCR)**– One-year full time program with six months of theory and six months of internship
- **Post Graduate Diploma in Clinical Research (PGDCR)**– Six months full time program with three months of theory and three months of internship
- **Advanced Professional Course in Clinical Research (APCCR)**– Nine months part time program with six months of theory and three months of internship

Apollo Research and Innovations– New Initiatives

Hack- A-Way – Apollo Innovation Quest (AIQ)

In order to encourage ideas and innovations in healthcare, a first of its kind hackathon, 'Apollo Hack-a-Way' was organised and was based on the theme: "Real Ideas, Real Innovations" The event focused on finding innovative and cost-effective tech-enabled

solutions for problems faced by hospitals. The event was attended by participants from Medtronic's, Microsoft and Philips.



Apollo Hack-a-Way- a first of its kind hackathon

International Clinical Trial Day

In order to mark the occasion of International Clinical Trials Day on 19th May 2019, a walkathon was organized by jointly ARI, Cliniosol, ISCR, Vigilare, Biopharm and CRBIO. The aim was to create awareness about clinical research in public. ARI unit at Apollo Hospitals, Ahmedabad provided educational assistance to the under privileged school children on this day as a part of community service program.



International Clinical Trials Day

Apollo Medicine

Apollo Medicine, official journal of Apollo Hospitals is a peer reviewed and indexed journal and being published by Wolters Kluwer in both print and electronic formats. Apollo Medicine (ISSN No 0976-0016) provides a platform for researchers as well as clinicians ever since its inception in September 2004.

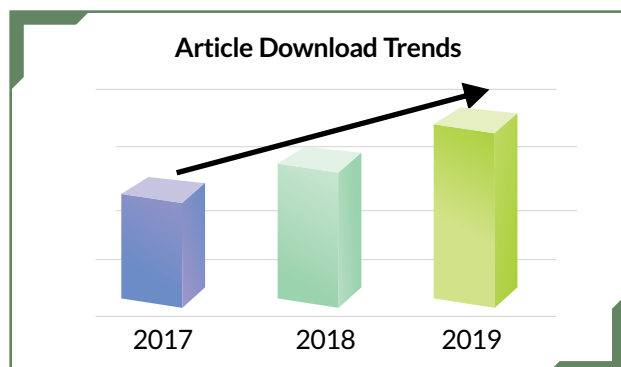
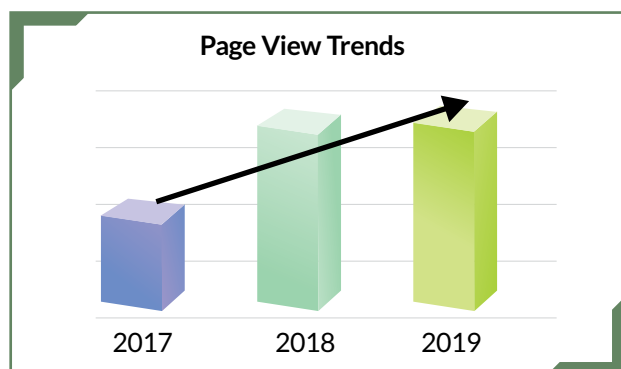
The journal is published quarterly (March, June, September and December) and is distributed to all consultants and doctors of Apollo Hospitals, all medical colleges across the country, libraries and various subscribers around the world. Current and all previous issues of the journal can be accessed at www.journalonweb.com/am/ and 62 issues have been published so far.

The Journal accepts the following categories of manuscripts:

- Editorials
- Original articles
- Review articles
- Case reports
- Journal scans
- Technology update
- Technology in medicine
- Interesting case pictures
- Interesting case videos
- Manuscripts on patient safety and quality in healthcare

- A brief on different national programmes of the Government
- Manuscripts on medico legal cases/lessons for doctors/ manuscripts on ethics, manuscripts on common psychiatry disorder
- Protocols and clinical guidelines from the leading hospitals/professional societies
- Letter to the editor

The page view of Apollo Medicine reached from 80469 in 2018 to 105829 in 2019 and the article downloads has shown an upward trend from 38687 in 2018 to 49250 in 2019.



The journal is registered with the following abstracting partners: Baidu Scholar, CNKI (China National Knowledge Infrastructure), EBSCO Publishing's Electronic Databases, Exlibris – Primo Central, Google Scholar, Hinari, Infotrieve, ProQuest, TdNet, Wanfang Data.

Adjunct Titles of Professorships and Associate Professorships of Apollo Hospitals Educational and Research Foundation (AHERF)

Policy of grant of Adjunct Title of Professor and Associated Professor of AHERF was implemented in the year 2012 in order to boost the state of academics and research across Apollo Group.

Senior faculty members from Apollo Hospitals Group, who have an active interest in academics and research are nominated for the grant of these Adjunct Titles.

One hundred and forty consultants have been conferred with Adjunct Title of Professor and Associate professor of AHERF in various specialities covering Anaesthesiology, Allergy and Immunology, Biochemistry, Cardiology, CTVS, Critical Care Medicine, Colorectal surgery, Community Medicine, Dermatology, Endocrinology and Diabetology, Emergency Medicine, ENT and Head and Neck Surgery, Gastroenterology and Hepatology, Minimal Access surgery, Gynecology, Genetic Medicine, General Surgery, Hand and Microvascular Reconstructive Surgery, Head and neck oncology, Hematology, Infectious Disease, Internal and Hyperbaric Medicine, Interventional Cardiology, Infectious Diseases, Liver Transplant, Molecular Biology, Microbiology, Nephrology, Neuroanesthesia, Neurology, Neurosurgery, Nuclear Medicine, Oncology, Orthopedics, Orthopaedics and Joint Replacement Surgery, Pediatrics, Pediatric Neurosurgery, Pediatric Cardiology, Pediatric Cardiac Surgery, Pediatric Gastroenterology and Hepatology, Pediatric Surgery, Paediatric Intensive Care, Paediatric Neurology, Paediatric Nephrology, Pediatric and Adolescent Endocrinology, Plastic Surgery, Pulmonology, Radiology, Respiratory Medicine, Rheumatology, Surgical Gastroenterology, Transfusion Medicine, Tropical medicine, Urology and Transplant surgery.

This Report carries the names of only those consultants who were conferred Title of Adjunct Professor and Associate Professor of AHERF in the

year 2019. The names of remaining Adjunct title holders were mentioned in the Apollo Excellence Report of previous respective years. Total list of consultants currently holding the Adjunct Title of Professor and Associate Professor of AHERF was circulated across Apollo Hospitals consultants on 15th November 2019.

List of consultants conferred with Adjunct title of Professor and Associate Professor of AHERF in 2019 were:



1. Dr Akshat Pandey
Rheumatology
Apollo Hospitals, Indore
Associate Professor



2. Dr Arshad Akeel Chennur
Internal Medicine
Apollo Main Hospitals, Chennai
Associate Professor



3. Dr Ashok Kumar Dutta
Pediatrics
Indraprastha Apollo Hospitals, Delhi
Professor



4. Dr Debabrata Padhy
Orthopedics and Joint Replacement
Apollo Hospitals, Bhubaneswar
Associate Professor



5. Dr F Abubacker Sulaiman
Radiology
Apollo Proton Cancer Centre, Chennai
Professor



6. Dr Hena Butta
Microbiology
Indraprastha Apollo Hospitals, Delhi
Associate Professor



7. Dr IPS Kochar
Pediatric and Adolescent Endocrinology
Indraprastha Apollo Hospitals, Delhi
Professor



8. Dr Jayanth BN
General Surgery
Apollo BGS Apollo Hospitals, Mysore
Associate Professor



9. Dr K Madhan Kumar
CTVS
Apollo Main Hospitals, Chennai
Professor



10. Dr K R John
Community Medicine
AIMSR, Chittoor
Professor



11. Dr Kalaivani Ramalingam
Obstetrics and Urogynaecology
Apollo Main Hospitals, Chennai
Associate Professor



16. Dr Nilu Malpani Dhoot
Radiology
Apollo Gleneagles Hospital, Kolkata
Associate Professor



12. Dr Koushik Lahiri
Dermatology
Apollo Gleneagles Hospital, Kolkata
Professor



17. Dr Rajkumar P Wadhwa
Gastroenterology
Apollo BGS Hospitals, Mysore
Professor



13. Dr Mohd. Iftekar Ali
Orthopedics
Apollo Reach Hospitals, Karimnagar
Associate Professor



18. Dr Rakesh Jalali
Radiation Oncology
Apollo Proton Cancer Centre, Chennai
Professor



14. Dr Nairuthya Shivathirthan
GI Surgery
Apollo BGS Hospitals, Mysore
Professor



19. Dr Raman Sardana
Microbiology
Indraprastha Apollo Hospitals, Delhi
Professor



15. Dr Narahari MG
Internal Medicine
Apollo BGS Hospitals, Mysore
Associate Professor



20. Dr Saibal Moitra
Allergy and Immunology
Apollo Gleneagles Hospital, Kolkata
Professor



21. Dr Sanjay Shah
Emergency Medicine and Trauma
Surgery
Apollo Hospitals, Ahmedabad
Associate Professor



26. Dr Yogesh Batra
Gastroenterology
Indraprastha Apollo Hospitals, Delhi
Professor



22. Dr Shiva Prasad BN
Rheumatology
Apollo BGS Hospitals, Mysore
Professor



23. Dr Subir Ray
Endocrinology
Apollo Gleneagles Hospital, Kolkata
Associate Professor



24. Dr Sumit Kumar Bose
Dermatology
Indraprastha Apollo Hospitals, Delhi
Professor



25. Dr V Ramasubramanian
Infectious Diseases
Apollo Main Hospitals, Chennai
Professor

Adjunct Titles of Clinical Tutorship, Distinguished Clinical Tutorship and Emeritus Clinical Tutorship of Apollo Hospitals Educational and Research Foundation (AHERF)

Policy of grant of Clinical Tutorship, Distinguished Clinical Tutorship and Emeritus Clinical Tutorship of AHERF was implemented in the year 2017 in order to boost the state of clinical training across Apollo Group.

Senior faculty members from Apollo Hospitals Group, who have an active interest in clinical training are nominated for an adjunct title post.

Twenty Seven consultants have been conferred with Adjunct title of "Clinical Tutor", 79 consultants with Adjunct title of "Distinguished Clinical Tutor" and two consultants with "Emeritus Clinical Tutor" across the Group.

This Report, carries the names of only those consultants who were conferred Adjunct titles of Clinical Tutor, Distinguished Clinical Tutor and Emeritus Clinical Tutor of AHERF in the year 2019. The names of consultants who were conferred Adjunct titles in 2017 and 2018 were mentioned in the Apollo Excellence Reports of respective years.

List of Apollo Hospitals Consultants conferred with Adjunct Titles of Clinical Tutors/ Distinguished Clinical Tutors/ Emeritus Clinical Tutor of (AHERF) in 2019 were:



1. Dr. Adosh Lall
Periodontics and Implantology
Indraprastha Apollo Hospitals, Delhi
Distinguished Clinical Tutor



2. Dr. Aftab Ahmed
Diabetology
Apollo Hospitals, Secunderabad
Distinguished Clinical Tutor



3. Dr. Alok Kumar Agrawal
Internal Medicine
Indraprastha Apollo Hospitals, Delhi
Distinguished Clinical Tutor



4. Dr. Ankur Gupta
Critical Care
Apollo Hospitals, Indore
Clinical Tutor



5. Dr. Asma Niloufer
Biochemistry and Therapeutic Drug Monitoring
Apollo Hospitals, Hyderabad
Clinical Tutor



6. Dr. Dhanasekhar Kesavelu
Pediatric Gastroenterology
Apollo Children's Hospital
Distinguished Clinical Tutor



7. Dr. IPS Kochar
Pediatric and Adolescent Endocrinology
Indraprastha Apollo Hospitals, Delhi
Distinguished Clinical Tutor



8. Dr. J Shyamala
Neonatologist/ Pediatrics
Apollo Children's Hospital
Distinguished Clinical Tutor



9. Dr. Jagadeesh Chandrasekaran
Internal Medicine
Apollo Hospitals, Chennai
Distinguished Clinical Tutor



10. Dr. Jayanti Chanda Das
Anesthesiology
Apollo Hospitals, Guwahati
Distinguished Clinical Tutor



11. Dr. Kirty Nahar
Obstetrics and Gynecology
Apollo Hospitals, Ahmedabad
Distinguished Clinical Tutor



12. Dr. Lata Bhat
Pediatrics and Neonatology
Indraprastha Apollo Hospitals, Delhi
Distinguished Clinical Tutor



17. Dr. N N Khanna
Cardiology
Indraprastha Apollo Hospitals, Delhi
Distinguished Clinical Tutor



13. Dr. Makrand G Nandapurkar
Cardiothoracic surgery
Apollo Hospitals, DRDO
Distinguished Clinical Tutor



18. Dr. Nilom Khound
General Medicine
Apollo Hospitals, Guwahati
Distinguished Clinical Tutor



14. Dr. Md. Ibrarullah
Gastroenterology
Apollo Hospitals, Bhubaneswar
Distinguished Clinical Tutor



19. Dr. Partha Saradhi
Nephrology
Apollo Hospitals, Chennai
Distinguished Clinical Tutor



15. Dr. Mohan Krishna
Plastic Surgery
Apollo Hospitals, Secunderabad
Distinguished Clinical Tutor



20. Dr. Raju Vaishya
Orthopaedics and Joint
replacement surgery
Indraprastha Apollo Hospitals, Delhi
Distinguished Clinical Tutor



16. Dr. Muralidhar Thondebhavi
Subbaramaiah
Anaesthesia and Pain Management
Apollo Hospitals, Jayanagar
Distinguished Clinical Tutor



21. Dr. Rakesh Periwal
Critical Care Medicine
Apollo Hospitals, Guwahati
Distinguished Clinical Tutor



22. Prof. Rohini Handa
Rheumatology
Indraprastha Apollo Hospitals, Delhi
Distinguished Clinical Tutor



27. Dr. Sushil Kumar Jain
Gastroenterology
Indraprastha Apollo Hospitals, Delhi
Distinguished Clinical Tutor



23. Dr. Sai Satish
Cardiology-Interventional
Apollo Hospitals, Chennai
Distinguished Clinical Tutor



28. Dr. V. Sathavahana Chowdary
ENT, Head and Neck Surgery
Apollo Hospitals, Hyderabad
Distinguished Clinical Tutor



24. Dr. Samiran Das Adhikary
Urology
Apollo Hospitals, Bhubaneswar
Distinguished Clinical Tutor



29. Dr. Vipul Vijay
Orthopedics, Joint replacement
and Arthroscopy
Indraprastha Apollo Hospitals, Delhi
Clinical Tutor



25. Dr. Shyam Kishore Shrivastava
Radiation Oncology
Apollo Hospitals, Navi Mumbai
Distinguished Clinical Tutor



26. Dr. Suhasini D
Biochemistry
Apollo Hospitals, Hyderabad
Distinguished Clinical Tutor

Clinical Fellowship of Apollo Hospitals Educational and Research Foundation

Clinical Fellowship accredited by Apollo Hospitals Educational and Research Foundation (AHERF) was started in the year 2013.

As per policy, these fellowships are being offered by Apollo in those specialties where no or limited training programs exist in India.

These fellowships are of 6 months, 1 year and 2 years' duration.

There is a defined eligibility criteria and duration of fellowship which is aligned to the intake months of post graduate and DNB entrance examinations. Candidates with MBBS qualification will also be eligible for certain fellowships.

Sixty- nine seats have been approved in the 46 specialties at 14 Apollo Group locations to run the Clinical Fellowship.

1. Stroke in Neurology
2. Cardiac/CTVS Anaesthesia
3. Endoscopy in Gastroenterology
4. Clinical Nephrology
5. Renal Dialysis
6. Transplant Nephrology
7. Interventional Pulmonology
8. Hyperbaric Medicine
9. Endocrinology
10. Head and Neck Oncologic surgery
11. Liver Transplant Anaesthesia
12. Liver Transplant and HPB surgery
13. Genitourinary surgery
14. Renal Transplant surgery
15. Interventional Cardiology
16. Radiation Oncology
17. Emergency Neurology
18. Transfusion Medicine
19. Developmental Pediatrics
20. Arthroscopy and Sport Medicine
21. Anaesthesiology
22. Implantation Otolaryngology
23. Pediatric and Adolescent Endocrinology

24. Minimal access & robotic surgery in Gynaecology
 25. Hepatology
 26. IVF
 27. Clinical Genetics
 28. Colorectal Surgery
 29. Clinical Apheresis
 30. Pediatric Cardiac Critical Care
 31. Vascular/ Endovascular surgery
 32. Breast Oncosurgery
 33. Gynae Oncosurgery
 34. Applied Clinical Medicine
 35. Pediatric Urology
 36. Nuclear Medicine
 37. Diagnostic and Interventional Neuroradiology
 38. Allergy and Clinical Immunology
 39. Dermatopathology
 40. Spine Surgery
 41. Interventional Radiology
 42. Dialysis
 43. Critical Care Nephrology
 44. Minimally invasive neurosurgery (Brain and Spine)- Guwahati
 45. Coronary Imaging and Physiology
 46. Adult interventional cardiology
- Apollo Hospitals locations where Clinical Fellowship of AHERF have been approved**
1. Delhi
 2. Bangalore
 3. Bilaspur
 4. Pune

5. Kolkata
6. Bhubaneswar
7. Kakinada
8. Secunderabad
9. Chennai
10. ASH Chennai
11. Hyderabad
12. Guwahati
13. Navi Mumbai
14. Jayanagar

Training

Training is being conducted as per teaching/ training schedule prepared by the supervisor/guide and subsequently approved by AHERF.

There is a defined process of training which includes:

1. Hands on training by observing procedures and surgeries, case presentation during clinical meetings, observations, training through simulator and videos
2. Clinical training is imparted through Clinical Meetings/ CMEs/ Departmental Meetings/ Symposiums and bed side case presentation. Fellows can join Journal club.

Final Examination/ Evaluation

There is a defined process of final examination/ evaluation. Final examination is being conducted at the end of the six months/ one year/ two years (depending upon the duration of fellowship program) of fellowship program by one external examiner and one internal examiner.

Clinical fellows who successfully complete their training and examination, are conferred with certificate of Clinical Fellowship of AHERF in the respective speciality.

Names of candidates who have completed their Clinical Fellowship in 2019 were:



1. Dr. Amit Kumar
Liver Transplant Anaesthesia
Indraprastha Apollo Hospitals, Delhi
Name of Guide/ Consultant
Dr. Sanjeev Aneja



2. Dr. Dinesh Mohan Chaudhari
Stroke
Indraprastha Apollo Hospitals, Delhi
Name of Guide/ Consultant
Dr. P. N. Renjen



3. Dr. Farha Khan
Pediatric Cardiac Intensive Care
Indraprastha Apollo Hospitals, Delhi
Name of Guide/ Consultant
Dr. Reetesh Gupta



4. Dr. Pawar Dinesh Tukaram
Liver Transplant Anaesthesia
Indraprastha Apollo Hospitals, Delhi
Name of Guide/ Consultant
Dr. Sanjeev Aneja



5. Dr. Priyanka Mittal
Cardiac Anesthesia
Apollo Hospitals, Hyderabad
Name of Guide/ Consultant
Dr. U Srinivas



6. Dr. Smita Ramachandran
Pediatric and Adolescent Endocrinology
Indraprastha Apollo Hospitals, Delhi
Name of Guide/ Consultant
Dr. IPS Kochar

reviewed journals by consultants, junior medical staff, DNB trainees and nursing staff.

Apollo Hospitals encourages consultants, junior Medical staff, DNB trainees and nursing department to undertake research activities in their areas of expertise and publish papers in indexed National and International Journals having impact factor. Apollo Hospitals recognizes this achievements of publishing research papers with cash award and citation from Chairman.



7. Dr. Vijaya Kumar Jain S
Head and Neck Oncology
Apollo Hospitals, Hyderabad
Name of Guide/ Consultant
Dr. Umanath Nayak

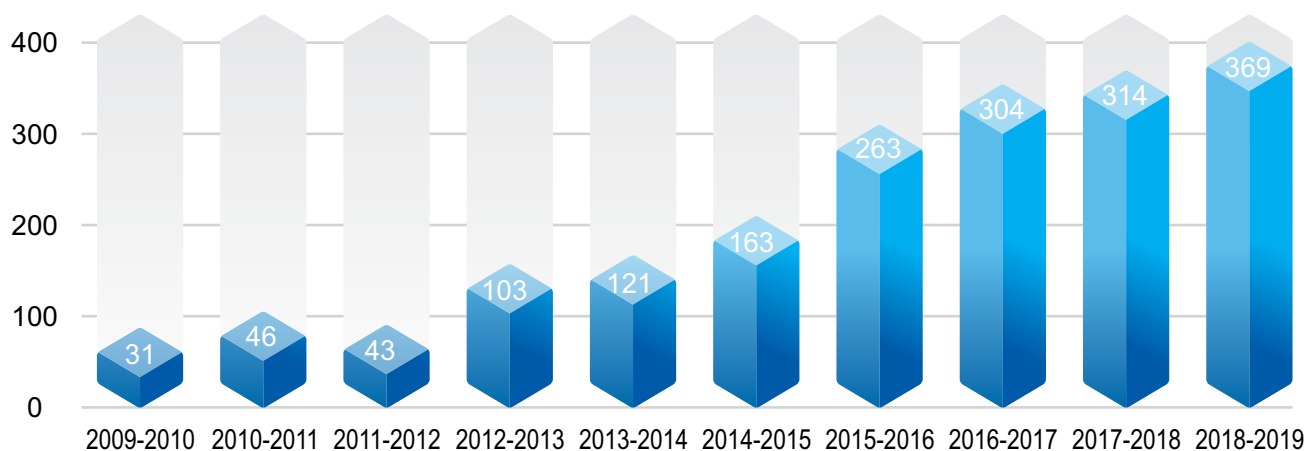
Papers are recognized based on impact factor and merit of research.

Three hundred and sixty-nine papers of Apollo Group consultants were recognized either with a cash awards along with citation or only with citation from Chairman during 2019.

There has been a consistent increase in number of papers received for recognition.

Recognition of Published Papers

Policy on "Recognition of published papers" was institutionalized in the year 2009 to encourage an academic and research milieu in the organization by recognizing published papers in reputed peer



Number of published papers received for recognition from across Apollo Hospitals

Dr Abhishek Patil, (DNB trainee), Rheumatology, Delhi

1. Anti-drug antibodies and low serum trough infliximab levels correlate with disease activity measures in spondyloarthritis patients on an as-needed infliximab treatment

Authors and Co- authors details: Patil A, Upadhyaya S, Dawar R, Dadhaniya N, Sood I, Gupta SJ, Handa R

Publishing journal and date: Int J Rheum Dis, September 2019

Dr. Abhishek Vaish, (Attending consultant), Orthopedics, Delhi

2. Three-Dimensional-Printed Polyether Ether Ketone Implants for Orthopedics

Authors and Co- authors details: Orthopedics Abid Haleem, Mohd Javaid, Abhishek Vaish, Raju Vaishya

Publishing journal and date: Ind J Orthop, 2019

3. Chondrocalcinosis: A common but poorly understood joint disease

Authors and Co- authors details: Siddhartha Gupta, Abhishek Vaish, Raju Vaishya

Publishing journal and date: Apollo Medicine, 2018

4. Reverse shoulder arthroplasty after failed megaprosthesis for osteosarcoma of the proximal humerus: A case report and review of literature

Authors and Co- authors details: V. Singh Chauhan, Abhishek Vaish, Raju Vaishya

Publishing journal and date: Journal of Clinical Orthopaedics and Trauma, 2019

5. Spinal Decompression and Instrumented Fusion in an Elderly Woman: A Case Report and Literature Review

Authors and Co- authors details: Abhishek Vaish, Prabin Nepal, Raju Vaishya

Publishing journal and date: Apollo Medicine, 2018

6. Joint preservation in a middle-aged man with knee osteoarthritis, using novel techniques

Authors and Co- authors details: Seyawash Fooladi, Abhishek Vaish, Yash Nigam, Raju Vaishya

Publishing journal and date: Apollo Medicine, 2019

7. Virtual preoperative planning and 3D printing are valuable for the management of complex orthopaedic trauma

Authors and Co- authors details: Mishra A, Verma T, Vaish A, Vaish R, Vaishya R, Maini L

Publishing journal and date: Chinese J Tr, September 2019

8. Knee and the farm animals - An unusual presentation of Brucella melitensis masquerading as Tuberculosis

Authors and Co- authors details: Sardana R, Vaish A, Merh A, Rani H, Vaishya R

Publishing journal and date: Ind J Med Microb, 2019

9. Langerhans Cell Histiocytosis of the metatarsal bone in an adult female- A rare case report and literature review

Authors and Co- authors details: Vaish A, Singh LK, Vaishya R, Kashyap V

Publishing journal and date: BMJ Case Reports, 2019

10. A critical review of Proximal Fibular Osteotomy for Knee Osteoarthritis.

Authors and Co- authors details: Vaish A, Kathiriya YD, Vaishya R

Publishing journal and date: Arch Bone Jt Surg, 2019

Dr. Adithya GK, (DNB Trainee), GI Surgery, Delhi

11. Malignant masquerade sclerosing mesenteritis: A case report and review

Authors and Co- authors details: Adithya G K, Satya Prakash Jindal, and Deepak Govil

Publishing journal and date: International Journal of Surgery Case Reports, November 2018

12. Celiac axis stenosis in a patient undergoing pancreatoduodenectomy

Authors and Co- authors details: GK Adithya, Satya Prakash Jindal, Varun Madaan, Chitra Singh, Sandeep Vohra, Vivek Tandon, Deepak Govil

Publishing journal and date: Apollo Medicine, 2018

Dr. Aditya Choudhary, Neurology, Kolkata

13. Necklace body myopathy: A rare entity

Authors and Co- authors details: Aditya Choudhary, Saurabh Bansal, Louis Gasper, Majoj Goyal, Manish Modi

Publishing journal and date: Neurology India, May-June 2018

14. Simultaneous bilateral hypertensive thalamic hemorrhage: A rare event

Authors and Co- authors details: Aditya Choudhary, Majoj Goyal, Rajveer Singh

Publishing journal and date: Neurology India, March-April 2018

15. The Eye opener: finding and targeting the midbrain lesion

Authors and Co- authors details: Aditya Choudhary, Rajveer Singh, Majoj Goyal, Manish Modi

Publishing journal and date: Neuro-ophthalmology, 2018

16. Froin Syndrome

Authors and Co- authors details: Aditya Choudhary, Majoj Goyal, Manish Modi, Kanchan, Chirag Ahuja, Vivek Lal

Publishing journal and date: Journal of post graduate medicine, education and research, 2018

Dr. AHM Waliul Islam, Cardiology-Interventional, Dhaka

17. Fractional Flow Reserve (FFR) guided Percutaneous Coronary Intervention (PCI) to Avoid Inappropriate Stenting in Patient with Angiographically Significant Stenotic Coronary Artery Lesion-Our Experiences at Apollo Hospitals Dhaka

Authors and Co- authors details: AHM Waliul Islam, Shams Munwar, Azfar Hossain, AQM Reza, Sahabuddin Talukder, Tamzeed Ahmed, Kazi Atiqur Rahman

Publishing journal and date: Bangladesh heart j Vol. 34: Issue No. 1, January 2019

18. Clopidogrel Resistance in Patients Undergoing Percutaneous Coronary Intervention (PCI): our experiences at Apollo Hospitals Dhaka

Authors and Co- authors details: AHM Waliul Islam, Shams Munwar, Azfar Hossain, AQM Reza, Sahabuddin Talukder, Tamzeed Ahmed and Mizanur Rahman

Publishing journal and date: Cardiovascular Journal, 2019

Dr. Ajit Pai, Oncology-Surgical, Apollo Cancer Institute, Chennai

19. Rectal dissection simulator for da vinci surgery: details of simulator manufacturing with evidence of construct, face, and content validity

Authors and Co- authors details: George Melich, Ajit Pai, Ramy Shoela, Kunal Kochar, Supriya Patel, John Park, Leela Prasad, Slawomir Marecik

Publishing journal and date: Diseases of the Colon and Rectum, 2018

Dr. Akshat Pandey, Internal Medicine, Indore

20. Methotrexate: CIRTified for preventing atherosclerotic events?

Authors and Co- authors details: Dr. Akshat Pandey, Dr. Mohit Goyal

Publishing journal and date: Journal of Royal college of physicians, Edinburgh (JRCPE), 2019

21. Clinical manifestations of chikungunya fever in patients with ankylosing spondylitis

Authors and Co- authors details: Akshat Pandey

Publishing journal and date: Indian Journal of Rheumatology(IJR), September 2018

22. Oral manifestations of autoimmune connective tissue diseases

Authors and Co- authors details: Akshat Pandey, Mimansha Pandey, Ved Prakash Pandey, Vinod Ravindran

Publishing journal and date: Indian Journal of Rheumatology, July 2018

Dr. Amit Kumar Agarwal, Orthopedics, Delhi

23. Growth modulation by hemi epiphysiodesis using eight-plate in Genu valgum in Paediatric population

Authors and Co- authors details: Raju Vaishya, Malkesh Shah, Amit Kumar Agarwal, Vipul Vijay

Publishing journal and date: J Clin Orthop Trauma, October –December 2018

24. A critical appraisal of medial open wedge high tibial osteotomy for knee osteoarthritis

Authors and Co- authors details: Raju Vaishya, Anuj Raj Bijukchhe, Amit Kumar Agarwal, Vipul Vijay

Publishing journal and date: J Clin Orthop Trauma, October –December 2018

25. Medical textiles in orthopedics: An overview

Authors and Co- authors details: Raju Vaishya, Amit Kumar Agarwal, Manish Tiwari, Abhishek Vaish, Vipul Vijay, Yash Nigam

Publishing journal and date: J Clin Orthop Trauma, 2018

26. Short term outcomes of long duration versus short duration tourniquet in primary total knee arthroplasty: A randomized controlled trial

Authors and Co- authors details: Raju Vaishya, Amit Kumar Agarwal, Vipul Vijay, Manish Kumar Tiwari

Publishing journal and date: Journal of Clinical Orthopaedics and Trauma, 2018

27. A systematic review and meta-analysis of complications in conversion arthroplasty methods for failed intertrochanteric fracture fixation

Authors and Co- authors details: Dix DB, Araoye Stagers JR, Lin CP, Shah AB, Agarwal AK, Naranje SM

Publishing journal and date: J Clin Orthop Trauma. Vol. 10: Issue 2: Page 282-285, March – April 2019

28. Vascular supply at risk during lateral release of the patella during total knee arthroplasty: A cadaveric study

Authors and Co- authors details: DeBell H, Pinter Z, Pinto M, Bergstresser S, Lee S, de Cesar Netto C, Shah A, Naranje S, Agarwal AK

Publishing journal and date: J Clin Orthop Trauma, January - February 2019

Dr. Anand S Iyer, Pediatric Neurology, Ahmedabad

29. Enhancing practitioners' confidence in recruitment and consent in the EcLiPSE trial: a mixed-method evaluation of site training – a Paediatric Emergency Research in the United Kingdom and Ireland (PERUKI) study

Authors and Co- authors details: Kerry Woolfall, Louise Roper, Amy Humphreys, Mark D. Lyttle, Shrouk Messahel, Elizabeth Lee, Joanne Noblet, Anand Iyer,

Carrol Gamble, Helen Hickey, Naomi Rainford and Richard Appleton

Publishing journal and date: Trials journal, Biomed Central, 2019

30. Levetiracetam versus phenytoin for second-line treatment of paediatric convulsive status epilepticus (EcLiPSE): a multicentre, open-label, randomised trial

Authors and Co- authors details: Mark D Lyttle, Naomi E A Rainford, Carrol Gamble, Shrouk Messahel, Amy Humphreys, Helen Hickey, Kerry Woolfall, Louise Roper, Joanne Noblet, Elizabeth D Lee, Sarah Potter, Paul Tate, Anand Iyer, Vicki Evans, Richard E Appleton

Publishing journal and date: The Lancet, May 2019

31. Open resection of hypothalamic hamartomas for intractable epilepsy revisited, using intraoperative MRI

Authors and Co- authors details: Libby van Tonder, Sasha Burn, Anand Iyer, Jo Blair, Mohammed Didi, Michael Carter, Timothy Martland, Conor Mallucci

Publishing journal and date: Child's Nervous System, September 2018

Dr. Anjan Bhattacharya, Developmental Paediatrics, Kolkata

32. Relevance of the Universal Practice Model for Early Detection and Early Intervention in Children with Special Needs - The Kolkata Development Model

Authors and Co- authors details: Anjan Bhattacharya

Publishing journal and date: EC Paediatrics, Vol. 8: Issue 9, 2019

Dr. Anupam Sibal, Gastroenterology and Hepatology, Delhi

33. Wilson's Disease: Clinical Practice Guidelines of the Indian National Association for Study of the Liver, the Indian Society of Pediatric Gastroenterology, Hepatology and Nutrition, and the Movement Disorders Society of India

Authors and Co- authors details: Aabha Nagral, Moinak S. Sarma, John Matthai, Prashanth L. Kukkle, Harshad Devarbhavi, Sanjib Sinha, Seema Alam, Ashish Bavdekar, Radha K. Dhiman, Chundamannil E. Eapen, Vinay Goyal, Neelam Mohan, Rukmini M. Kandadai, Malathi Sathiyasekaran, Ujjal Poddar, Anupam Sibal, Srinivas Sankaranarayanan, Anshu Srivastava, Baburam R. Thapa, Pettarusp M. Wadia, Surendra K. Yachha and Anil Dhawan

Publishing journal and date: Journal of Clinical and Experimental Hepatology, 2019

Dr. Apurva Shah, Gastroenterology, Ahmedabad

34. Sedation and Anesthesia in Gastrointestinal Endoscopy: Indian Scenario

Authors and Co- authors details: Apurva Shah, Shravan Bohra, Megha Shah

Publishing journal and date: Journal of digestive endoscopy, April 2019

35. Large amoebic liver abscess with persistent biliary fistula

Authors and Co- authors details: Apurva S. Shah, Shravan Bohra

Publishing journal and date: Journal of digestive endoscopy, 2018

36. Cervical esophageal perforation during gastroscopy in adults: case report – report of two cases

Authors and Co- authors details: Apurva Shah, Shravan Bohra

Publishing journal and date: Apollo Medicine, 2019

Dr. Archana Lakshmanan, Histopathology, Apollo Cancer Institute, Chennai

37. Postmenopausal woman with ovarian yolk sac tumor and associated mucinous carcinoma: a case report and review of literature

Authors and Co- authors details: Archana Lakshmanan, Ann Kurian, Kumar Gubbala

Publishing journal and date: Indian Journal of Gynecologic Oncology, June 2019

38. Gastric composite tumor a mixed adenocarcinoma and neuro-endocrine tumor with goblet cell carcinoid component

Authors and Co- authors details: Archana Lakshmanan, Ann Kurian and Annapurneswari Subramanyan

Publishing journal and date: International Journal of Opathology and Clinical Research, 2018

39. Duodenal Biopsy in the Evaluation of Chronic Diarrhoea in Immunosuppressed Patients from a Tertiary Care Center in Southern India

Authors and Co- authors details: Archana Lakshmanan, Ubal Dhus, Sarojini A Parameswaran, Ashok Parameswaran

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Dr. Arshad Akeel, General Medicine, Chennai

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Authors and Co- authors details: Dr. Arshad Akeel, Dr. Meeranghani Mohammad Yusuf, Dr. Padmanabhan

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Authors and Co- authors details: Dr. Arshad Akeel, Dr. N Sadiya

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Dr. Aruna R Patil, Radiology, Bangalore

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Authors and Co- authors details: Patil AR, Nandikoor S, Padilu R

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Authors and Co- authors details: Patil AR, Kalliath L, Nandikoor S

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Authors and Co- authors details: Ashitha S, Nandikoor S, Patil AR, Jacob S, Narayan A

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Authors and Co- authors details: Bindu Menon;
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Authors and Co- authors details: Bindu Menon;
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Authors and Co- authors details: Dr. Bindul Menon

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Authors and Co- authors details: Bindu Menon and
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Authors and Co- authors details: Bindu Menon
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Authors and Co- authors details: Bindu Menon is the
3rd author along with other 11 authors

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Dr. C Jagadeesh, Internal Medicine, Chennai

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Authors and Co- authors details: Dr. C Jagadeesh,
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Authors and Co- authors details: Dr. C Jagadeesh,
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Authors and Co- authors details: Chander Shekhar

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Authors and Co- authors details: Chander Shekhar, Abhinav Aggarwal, Ravi Kumar Chittoria, Praveen Upadhyay, Vinayak Chavan, Saurabh Gupta

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Authors and Co- authors details: Dev AN, Lohith U, Pascal B, Dutt CS, Dutt SN

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Authors and Co- authors details: T Jacob John, Dhanya Dharmapalan

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Authors and Co- authors details: Dhanya Dharmapalan, FrancisYesurajanInbanathan, Suhas Kharche, Asmita Patil, Shrikrishna Joshi, Vijay Yewale, Jones Lionel Kumar Daniel, Kamini Walia, Balaji Veeraraghavan

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Authors and Co- authors details: Dr. Dinesh Chaudhari, Pushpendra N Renjen

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Authors and Co- authors details: Dr. Dinesh Chaudhari, Pushpendra N

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Authors and Co- authors details: Sengottuvelu Gunasekaran, Raghul Ganesapandi, Muthukumaran Chinnasamy Sivaprakasam, Vijay Shankar Sadhasivam, Radhapriya yalamanchi, Vinodh Kumar Paul Pandi

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Authors and Co- authors details: Multiple authors. Name of Dr. Sengottuvelu mentioned as number 66

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Authors and Co- authors details: Dr. G. Sengottuvelu

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Authors and Co- authors details: K. Gowrinath and P.N. Kirankumar

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Authors and Co- authors details: Karanam Gowrinath, Mohammed Ismail Nizami

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Dr. Harish Kumar, (Sr. Registrar), Neurosurgery, Delhi

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Authors and Co- authors details: Dr. Harish Kumar Dr. Vikrant Sharma

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Dr. Hena Butta, Microbiology, Delhi

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Authors and Co- authors details: Hena Butta, Raman Sardana, Leena Mendiratta, Anupam Sibal, Vidya Gupta, Rajesh Chawala, Ali Ammar Jafri

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Authors and Co- authors details: Raj Nath Makroo, Raman Sardana, Leena Mediratta, Hena Butta, Uday Kumar Thakur, Soma Agrawal, Mohit Chowdhry, Satendra Kumar, Sourit Chokroborty

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Dr. Himleena Gautam, (Sr. Registrar), Obstetrics/ Gynecology, Guwahati

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Authors and Co- authors details: Dr. K.K. Kathar, Dr. Himleena Gautam

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Dr. Imron Subhan, Emergency Medicine, Hyderabad

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Authors and Co- authors details: Imron Subhan, Syed Safiuddin Ghazi, Syed Nabi

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Dr. JG Aishwarya, (Associate consultant), ENT, Bangalore

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Authors and Co- authors details: Dr. Aishwarya Satish Nair C. N. Patil Swarna Shivakumar N. Shrivalli Ashish Shah

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Authors and Co- authors details: JG Aishwarya, Satish Nair, Parameswaran Anoop, Swarna Shivakumar, Aruna R Patil, Satish Babu

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Dr. Jitendra Parmar, Radiology, Ahmedabad

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Authors and Co- authors details: Jitendra Parmar, Paresh Shah, Prashant Acharya, Sandip Shah, Tapan Patel, Bhoomi Angirish, Nishit Chaudhari

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Dr. Joy Narayan Chakraborty, Urology, Guwahati

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Authors and Co- authors details: Joy Narayan Chakraborty, Pradeep Hatimota

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Dr. Jyoti Prasad Kalita, CTVS, Guwahati

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Authors and Co- authors details: Dheeman Bhuyan, P. Ramesh Babu, Jyoti Prasad Kalita

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Ms. Jyoti sharma, Nursing tutor, Delhi

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Authors and Co- authors details: Ms.Jyoti sharma
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Dr. Kalaivani Ramalingam, Obstetrician and Urogynaecologist, Chennai

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Authors and Co- authors details: Lakshmi Thirumalaikumar, Kalaivani Ramalingam, Tamas Marton

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Dr. Koushik Lahiri, Dermatology, Kolkata

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Authors and Co- authors details: Banashree Majumdar, Abhishek De, Soumyodhriti Ghosh, Amrita Sil, AartiSarda, Koushik Lahiri, Gobinda Chatterjee, Sudip Das

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Authors and Co- authors details: Gokulakrishnan Periakaruppan, Krishna G. Seshadri, Vignesh Krishna G. M, Rupesh Mandava, Venkata Sai P. M, Rajendiran S

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Dr. Kumar Gubbala, Oncology-Gynecology, Apollo Cancer Institute, Chennai

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Authors and Co- authors details: D. Kosutic, N. Tsapralis, P. Gubbala and M. Smith

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Dr. L Sreenivasamurthy, Diabetology, Bangalore

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Authors and Co- authors details: L Sreenivasamurthy, Sudhanshu Pandey, Bharija Subhash Chandra, Monisha Sharma, SR Ranganathaiah, P Vaidya, Rajiv Naik

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Authors and Co- authors details: Lakshmi Anant h, pradeep hosamani

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Dr. Mahesh Goenka, Gastroenterology, Kolkata

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Authors and Co- authors details: Kamal A, Akshintala VS, Talukdar R, Goenka MK, Kochhar R, Lakhtakia S, Ramchandani MK, Sinha S, Goud R, Rai VK, Tandan M, Gupta R, Elmunzer BJ, Ngamruengphong S, Kumbhari V, Khashab MA, Kalloo AN, Reddy DN, Singh VK

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Dr. Mathrubootham Sridhar, Pediatrics, ACH

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Authors and Co- authors details: Mathrubootham Sridhar and Dhanasekhar Kesavelu

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Dr. Md Ibrarullah, Gastroenterology-Surgical, Bhubaneswar

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Authors and Co- authors details: Ibrarullah M, Samantaray PK, Meher S, Bruno W

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Dr. Md. Mizanur Rahman, Molecular Diagnosis, Dhaka

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Authors and Co- authors details: Keita Suzuki, Emi E. Nakayama, Akatsuki Saito, Akio Egawa, Tairyu Sato, Juthamas Phadungsombat, Rummana Rahim, Abu Hasan, Hisahiko Iwamoto, Mizanur Rahman and Tatsuo Shioda

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Authors and Co- authors details: Dr Mohsin Khan, Dr Aloy J Mukherjee

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Authors and Co- authors details: Dr. Mohsin Khan, Dr. Anjani Jalaj, Dr. Amit Ojha

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Dr. N N Khanna, Cardiology-Interventional, Delhi

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Authors and Co- authors details: Dr. NN Khanna is the 4th author along with 18 other authors

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Authors and Co- authors details: Dr. NN Khanna is the 7th author along with 14 other authors

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Authors and Co- authors details: Boi A, Jamthikar AD, Saba L, Gupta D, Sharma A, Loi B, Laird JR, Khanna NN, Suri JS

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Authors and Co- authors details: Sumit K. Banchhor, Narendra D. Londhe, Tadashi Araki, Luca Saba, Petia Radeva, Narendra N. Khanna, Jasjit S. Suri

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Authors and Co- authors details: Elisa Cuadrado-Godia, Pratistha Dwivedi, Sanjiv Sharma, Angel Ois Santiago, Jaume Roquer Gonzalez, Mercedes Balcells, John Laird, Monika Turk, Harman S. Suri, Andrew Nicolaides, Luca Saba, Narendra N. Khanna, Jasjit S. Suril

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Authors and Co- authors details: M. R. Sait, N. Srinivasaiah

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Authors and Co- authors details: Multiple author including name of Dr. Narasimhaiah at number 1

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Authors and Co- authors details: Singh HK, Young T, Srinivasaiah N, Marcelle M.

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Dr. Nilom Khound, General Medicine, Guwahati

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Authors and Co- authors details: Nilu Malpani Dhoot Gobindo Pramanick Manash Saha J Kishor Gupta Milan Chetry Chandrashish Chakraborty Nipanjan Ghosh Arpita Sutradhar

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Authors and Co- authors details: Mahadev Potharaju is the 1st author along with other 12 authors

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Authors and Co- authors details: Dr. R. Dhananjayan

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Authors and Co- authors details: K.S. Srivani Koundinya, Dr. Jaideep Mahendra, Dr. A. Eugin P Fernando, Dr. R. Pattabiraman, Dr. R. Dhananjayan

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Authors and Co- authors details: Rajendra Kumar Pradhan, Dr. PN Renjen, Dr. Abhas Kumar, Dr. Dinesh Chaudhari, Dr. Shivangi Garg, Dr. Anjali mishra

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Authors and Co- authors details: Vaishya R, Patralekh M, Vaish A

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Dr. Yashwant Tanwar and Dr. Yatinder Kharbanda, Orthopedics, Delhi

352. Desmoplastic fibroma of bone: a case series and review of literature

Authors and Co- authors details: Tanwar YS, Kharbanda Y, Rastogi R, Singh R

Publishing journal and date: Indian J Surg Oncol, December 2018

353. Posterior Fracture Dislocation of Shoulder with Anatomical Neck Fracture

Authors and Co- authors details: Yashwant Singh Tanwar, Atin Jaiswal, Yatinder Kharbanda, Anil Panda

Publishing journal and date: Apollo medicine, 2018

354. Mid-term results of impaction bone grafting in tibial bone defects in complex primary knee arthroplasty for severe varus deformity

Authors and Co- authors details: Yashwant Singh Tanwar, Yatinder Kharbanda, Harsh Bhargava, Kulbhushan Attri, and Anoop Bandil

Publishing journal and date: SICOT-J, 2019

355. Retrospective analysis of open reduction and internal fixation of coronal plane fractures of the capitellum and trochlea using the anterolateral approach

Authors and Co- authors details: Tanwar YS, Kharbanda Y, Jaiswal A, Birla V, Pandit R

Publishing journal and date: SICOT J, 2018

356. Extensive re-ossification and reformation of the proximal femur after external beam radiotherapy in metastatic carcinoma breast

Authors and Co- authors details: Yatinder Kharbanda,

Ruchi Singh, Tariq Mir, and Yashwant Singh Tanwar

Publishing journal and date: Indian J Surg Oncol, September 2018

Capt. Usha Banerjee, Director of Nursing, Apollo Hospitals

357. WIFI: with intent for integrity

Authors and Co- authors details: Usha Banerjee, Jiji Dias, Simmy Rajan and Maryline Flinsi

Publishing journal and date: International Journal of Recent Scientific Research Research, December 2018

358. Call Bell As A Service Parameter: From Call Light To Patient Delight

Authors and Co- authors details: Capt., Usha Banerjee, Ms.Preeti, Ms.N.Rathina, Ms. D.Maryline Flinsi

Publishing journal and date: IOSR Journal of Nursing and Health Science (IOSR-JNHS), July-August 2018

359. HELP: Hands on Equipment Learning Program

Authors and Co- authors details: Capt .Usha Banerjee, Ms. Vertika Agarwal, Ms. N. Rathina, Ms. D. Maryline Flinsi

Publishing journal and date: IOSR Journal of Nursing and Health Science (IOSR-JNHS), September-October 2018

360. IAD: Incontinence associated Dermatitis –Continence care

Authors and Co- authors details: Capt .Usha Banerjee Ms.Mariamamma Ms.Ringzin Ms. N. Rathina

Publishing journal and date: International Journal Of Current Advanced Research, October 2018

361. P2P - From Panic to Peace (Clinical Alarm Safety Campaign)

Authors and Co- authors details: Capt .Usha Banerjee, Ms. Vertika Agarwal, Ms.N.Rathina, Ms. D.Maryline Flinsi

Publishing journal and date: British Journal of Bio-Medical Research, November-December 2018

362. Effectiveness of certificate program on oncology Nursing

Authors and Co- authors details: Capt.Usha Banerjee Ms.Babita sen Ms.Ruchigirdar Ms. D.Marylineflinsi

Publishing journal and date: Global Journal of Medical Research K: Interdisciplinary, March 2019

363. Nursing empowerment leadership filament-clinical cabinet

Authors and Co- authors details: Usha Banerjee, Elizabeth S Philip, Geemol John Mathew Tina Mathews Rathina N

Publishing journal and date: International Journal of Current Advanced Research, May 2019

364. The Midas Touch- caring with empathy”

Authors and Co- authors details: Usha Banerjee, N. Rathina, Babita Sen, D. Maryline Flinsi, Rohini Sharma

Publishing journal and date: IOSR Journal of Nursing and Health Science (IOSR-JNHS), May 2019

365. Enhancing nursing skills through e- learning

Authors and Co- authors details: Usha Banerjee, N. Rathina, D. Maryline Flinsi Rohini Sharma

Publishing journal and date: International Journal of Current Advanced Research, May 2019

366. Steal the show: communication the human connection

Authors and Co- authors details: Usha Banerjee, Jiji Dias, Preeti Singh D. Maryline Flinsi

Publishing journal and date: International Journal of Recent Scientific Research, May 2019

367. Effectiveness of Certificate program on Cardiology Nursing

Authors and Co- authors details: Capt. Usha Banerjee
Ms. Gracy Philip Ms. Shakti Ms. D. Maryline Flinsi

Publishing journal and date: International journal of scientific research and education, July 2019

368. Dying and End of Life Health Care

Authors and Co- authors details: Usha Banerjee, Ms. Lahoota Salam Lone, D. Maryline Flinsi

Publishing journal and date: IOSR Journal of Nursing and Health Science (IOSR-JNHS, July 2019

369. Enhancing the competencies in ortho care “have no fear the orthopaedic nurse is here

Authors and Co- authors details: Capt Usha Banerjee
Simmy Rajan N.Rathina

Publishing journal and date: International Journal of Current Multidisciplinary Studies, September 2019

Adjunct Title of International Professor of Apollo Hospital Educational and Research Foundation

The policy to boost the state of research and academics across Apollo Hospitals Group, Adjunct International Professorship was implemented in January 2019. Senior faculty members from renowned healthcare institutions overseas, who have excellence in academics and research are invited.

Fifteen distinguished doctors working in renowned healthcare institutions overseas conferred with Adjunct Title of International Professor.

List of consultants conferred with Adjunct Title of International Professor of AHERF - 2019



1. Professor AA Shetty
Orthopedic surgery
UK

Current Appointment: Chair and Professor of Orthopaedics, Director of Research, Institute of Medical Sciences, Faculty of Health and Wellbeing, Canterbury Christchurch University, UK, Programme Director MCh in Surgery, Institute of Medical Sciences, Faculty of Health and Wellbeing, Canterbury Christchurch University, UK, Adjunct Professor of Orthopaedics and Director of Cell therapy, SDM Medical College, Dharwad, India, Adjunct Professor Stem Cell Research and Regenerative Medicine, NITTE University, Mangalore, and Adjunct visiting Professor KMC Manipal, India, Visiting Professor MGR University, Chennai, India, Visiting Professor, Yenopaya Medical College, Mangalore, India, Scientific Advisor, Cartilage Research and Clinical trial, Konee, Republic of China, Consultant Knee Surgeon, Spire Alexandra Hospital, Chatham, UK

Total publications: 52 publications, 42 presentation

Number of publications in PEER reviewed journals: 52

Lectures given: 27

Years of experience/ teaching: 29



2. Dr. Achal Kumar Dhir
Liver Transplant Anesthesia
Canada

Current Appointment: Director, Liver Transplant Anesthesia, Associate Professor, Department of Anesthesia and Perioperative Medicine, University of

Western Ontario, London, Ontario, Canada

Total publications: 25 papers, 6 abstract

Number of publications in PEER reviewed journals:
25

Lectures given: 55

Years of experience/ teaching: 35

3. Dr. Amita Sharma

Pediatrics
USA

Current Appointment: Assistant Professor, Pediatrics, Harvard Medical School, Associate Pediatrician, Massachusetts General Hospital, Consulting Staff, Pediatric Nephrology, Shriner's Hospital and North Shore Children Hospital

Total publications: 27

Number of publications in PEER reviewed journals:
18

Lectures given: 68 lectures, 13 presentations

Years of experience/ teaching: 31



4. Dr. Arunmoy Chakravorty

Oncoplastic Breast Surgeon
UK

Current Appointment: Consultant Oncoplastic Breast Surgeon Hillingdon Hospital NHS Foundation Trust, Honorary Clinical Senior Lecturer, Faculty of Medicine, Imperial College, London

Total publications: 16

Number of publications in PEER reviewed journals:
16

Lectures given: 26 presentations

Years of experience/ teaching: 25



5. Prof Avijit Lahiri

Cardiology
UK

Current Appointment: Medical Director, British Cardiac Research Trust, 28-32 Wellington Road, London, Honorary Professor, Middlesex University, Trent Park, Bramley Road, London, Advisory Board Member, CardioVax Project, Los Angeles, USA, Trustee, TATA Medical Centre Trust, London & India, Advisory Board, Vaccination in Atherosclerosis, The Netherlands

Total publications: 330 papers, 511 abstract

Number of publications in PEER reviewed journals:
273

Lectures given: 368

Years of experience/ teaching: 42



6. Dr K Ananthasubramaniyam

Cardiology
USA

Current Appointment: Professor of Medicine, Wayne State University, Co-Director Adult Congenital Heart Disease. Senior Staff Cardiologist, Henry Ford Hospital, Heart and Vascular Institute, Detroit, MI, Director, Nuclear Cardiology, Henry Ford Hospital, Heart and Vascular Institute, Detroit, MI, Director, Echocardiography Laboratory, Henry Ford Hospital, Detroit, MI, Program Director, Advanced Cardiac Imaging Fellowship, Director, Heart Smart Cardiac Risk Screening Program, Co-Medical Director, Cardiac Ultrasonography Program, Baker College - Honorary Advisory Position

Total publications: 99 papers, 107 abstracts

Number of publications in PEER reviewed journals:
96

Lectures given: 53 lectures, 48 presentations

Years of experience/ teaching: 19



7. Dr. K K Jain
Hyperbaric Medicine/ Neurology
USA

Current Appointment: CEO, Jain Pharma Biotech and Consultant in Neurology, Senior Associate editor, MedLink Corporation, San Diego, California, Consultant in hyperbaric medicine, biotechnology and pharmaceutical medicine. Research in cell/gene therapy, neuroprotection, and nanobiotechnology, Visiting professorships and invited lectures worldwide on various topics in biotechnology and applications to medicine with focus on development of personalized medicine

Total publications: 480 papers, 31 books, 50 special reports

Number of publications in PEER reviewed journals:
480

Lectures given: Various lectures

Years of experience/ teaching: 54



8. Dr. Kulwinder S. Dua
Gastroenterology and Hepatology
USA

Current Appointment: Professor of Medicine and Pediatrics, Division of Gastroenterology and Hepatology, Medical College of Wisconsin, Milwaukee, U.S.A., Chief, Division of Gastroenterology and

Hepatology, Clement J Zablocki V.A. Medical center, Milwaukee, U.S.A., Director, Advance GI Endoscopy Program, Medical College of Wisconsin, Director, Pancreatobiliary Division, Digestive Disease Center of Wisconsin, Milwaukee, U.S.A., Vice-Chair, International Committee, American Society of Gastrointestinal Endoscopy

Total publications: 100 papers, 8 chapters

Number of publications in PEER reviewed journals:
100

Lectures given: 153

Years of experience/ teaching: 38

9. Dr. Manish Chand
General and Colorectal Surgery
UK

Current Appointment: Associate Professor/ Senior Lecturer Consultant Colorectal Surgeon University College London and University College Hospital

Total publications: 87

Number of publications in PEER reviewed journals:
87

Lectures given: 18 lectures 72 presentations

Years of experience/ teaching: 14



10. Dr. Nalini M. Guda
Gastroenterology
USA

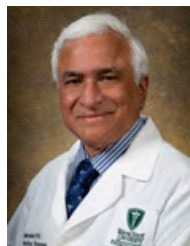
Current Appointment: Aurora St. Luke's Medical Center, Milwaukee, WI, Director of Advanced Endoscopy Fellowship, GI Associates, Milwaukee Clinical Adjunct Professor of Medicine, University of Wisconsin School of Medicine and Public Health

Total publications: 53 papers, 12 chapters

Number of publications in PEER reviewed journals:
53

Lectures given: 58

Years of experience/ teaching: 18



11. Dr. PH Chandrasekar
Infectious Diseases
USA

Current Appointment: Professor, Department of Internal Medicine, Wayne State University, School of Medicine, Detroit, MI, Chief, Infectious Diseases, Department of Internal Medicine, Wayne State, University School of Medicine

Total publications: 227 papers, 35 case reports, 156 Abstracts

Number of publications in PEER reviewed journals:
187

Lectures given: 40

Years of experience/ teaching: 36



12. Dr. Prasad G Iyer
Gastroenterology and
Hepatology
USA

Current Appointment: Consultant - Division of Gastroenterology and Hepatology, Director of Post Doctoral Programs, Co-Director - Advanced Fellowship, Professor of Medicine and Medical Director at Mayo Clinic, Rochester, Minnesota

Total publications: 140 papers, 8 chapters in book, 3 editorials, 167 abstracts, 7 letters

Number of publications in PEER reviewed journals:
140

Lectures given: 35 lectures, 161 presentations

Years of experience/ teaching: 12



13. Prof. Raj. K Narayan
Neurosurgery
UK

Current Appointment: Professor at The Center for Bioelectronic Medicine, The Feinstein Institute for Medical Research, Director, Harvey Cushing Institute of Neuroscience, North Shore University Hospital Chair & Professor of Neurosurgery, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell

Total publications: 135 papers, 2 Books, 63 chapters

Number of publications in PEER reviewed journals:
124

Lectures given: Lectureships at 74 institutions, 57 international presentations

Years of experience/ teaching: 34



14. Dr. Roby Debashish Rakhit
Interventional Cardiology
USA

Current Appointment: Consultant Interventional Cardiologist - Royal Free Hospital, London, Clinical Director of Cardiology - Hospital of St. John & St. Elizabeth, Consultant Cardiologist - Wellington Hospital, Associate Professor of Cardiology - University College London

Total publications: >100

Number of publications in PEER reviewed journals:
>100

Lectures given:

Years of experience/ teaching: 23



15. Dr. Shyam S. Varadarajulu
Pancreatic and Biliary Disorders
USA

Current Appointment: Professor of Medicine,
University of Central Florida College of Medicine
Medical Director, Florida Hospital Center for
Interventional Endoscopy

Total publications: 148 Original article, 52 review
article, 37 Case reports, 48 editorials, 110 abstracts,
25 chapters in book

Number of publications in PEER reviewed journals:
285

Lectures given: 136 lectures, 42 presentations

Years of experience/ teaching: 16

Recognition of Books

Guidelines to recognize books published by
consultants were institutionalized in December 2018.

Seventeen books of Apollo Hospitals consultants were
recognized with a cash awards along with citation
from Chairman.

List of books of consultants recognized in 2019

Dr Adithya Udupa, Cardiology, Mysore

1. Cardiac Drugs And Their Trials

Date of publication: 2019

Author/Editor of Text book: Dr. Adithya Udupa

2. A Quick Review of Clinical Trials In Cardiology

Date of publication: 2019

Author/Editor of Text book: Dr. Adithya Udupa

Dr Dhanaraj M, Neurology, Chennai

3. Critical Care Neurology Clinical and
Neuroradiological Case Series With Review

Date of publication: 2018

Author/Editor of Text book: Dr Dhanaraj M

Dr Dhanya Dharmapalan, Pediatric Infectious disease,
Navi Mumbai

4. Partha's Management Algorithms in Pediatric and
Adolescent Practice

Date of publication: February 2019

Author/Editor of Text book: Dr.Dhanya Dharmapalan

5. IAP Text Book of Pediatrics

Date of publication: February 2019

Author/Editor of Text book: Dr. Dhanya Dharmapalan

Dr Kalaivani Ramalingam, Urogynecology, Chennai

6. Get through MRCOG Part 2 EMQs

Date of publication: 5th October 2019

Author/Editor of Text book: Kalaivani Ramalingam,
LathaMageswari, Lakshmi Thirumalaikumar

Dr Koushik Lahiri, Dermatology, Kolkata

7. A Treatise on Topical Corticosteroids in
Dermatology, Use, Misuse and Abuse

Date of publication: 11th August 2017

Author/Editor of Text book: Dr.Koushik Lahiri

8. Superficial fungal infections

Date of publication: 2018

Author/Editor of Text book: Dr.Koushik Lahiri

Dr O. P. Sharma, Geriatrics, Delhi

9. A Handbook of Geriatric Care

Date of publication: March 2019

Author/Editor of Text book: Dr. O. P. Sharma

Dr Rakesh Periwal, Critical Care Medicine, Guwahati

10. Mechanical Ventilation (By ISCCM Guwhati City Branch)

Date of publication: 2018

Author/Editor of Text book: Dr. Brajendra Lahkar, Dr. Vandana Sinha, Dr. Reshu Gupta, Dr. Rakesh Periwal

Dr Remesh Kumar, Pediatrics, Kochi

11. Partha's Investigations and Interpretations in Pediatric and Adolescent Practice

Date of publication: 2019

Author/Editor of Text book: A Parthasarathy, Alok Gupta, Anupama Borker, Dhanya Dharmapalan, Remesh Kumar

Dr Rooma Sinha, Minimal Access & Robotic Surgery, Hyderabad

12. Uterine Leiomyoma

Date of publication: July 2019

Author/Editor of Text book: Pratibha Devabhaktuni, Rani Reddy, Rooma Sinha

Dr T V Devarajan, Internal Medicine, AFMH

13. Apollo Hospitals, Text Book of Medicine

Date of publication: 2018 and 2019

Author/Editor of Text book: Dr. T V Devarajan

14. A to Z 1000 Pearls in Internal Medicine

Date of publication: 2018 and 2019

Author/Editor of Text book: Dr. T V Devarajan

15. Apollo Hospitals MCQs in General Medicine

Date of publication: 2018 and 2019

Author/Editor of Text book: Dr. T V Devarajan

Dr Vijay Yewale, Pediatrics, Navi Mumbai

16. Text Book of Pediatric Infectious Diseases -2019

Date of publication: 2019

Author/Editor of Text book: Emeritus Editor-A Parthasarathy, Editor in Chief: Ritabrata Kundu, Vijay Yewale including nine other editors

17. Rational Antimicrobial Practice in Pediatrics

Date of publication: 2019

Author/Editor of Text book: Nitin Shah, Tanu Singhal, Suhas Prabhu, Vijay Yewale

Consultants' Achievements



Consultant Achievements

ACH, Chennai

1. Dr C Satheesh

Pediatrics, Apollo Children's Hospitals, Chennai

Publications

Dr. C. Satheesh, Dr. N. Mahesh, Conquering the disease trend – Spinal Muscular atrophy type 2, Journal of Neurological Disorder, Vol. 7, April 2019

Lectures

Lecture, Cracking the dilemmas in the Management of Febrile Seizures in child, Madras Pedicon, TN State Pedicon, 18th August 2019

Conquering the disease trend – Spinal Muscular atrophy type 2, International Conference on Neurology and Mental Disorders, Sweden, 12th April 2019

Chairperson for session-Functional GI disorders in children -How to manage?, ISPGHCON, Chennai, 19th October 2019

Chairperson for session -Free Paper, Mumbai National Pedicon, Mumbai, 8th February 2019

Examinership

Convener of examination, DNB Pediatrics Examination, May 2019

AFMH, Chennai

2. Dr T V Devarajan

Internal Medicine, Apollo First Med Hospital, Chennai

Book Published

Editor- Dr T V Devarajan, A to Z 1000 pearls in Internal medicine, Jaypee Brother, 18th August 2019

Editor- Dr T V Devarajan, Textbook of Medicine- 5,000 MCQ's in Internal Medicine, 2nd Edition, Jaypee Brother, 18th August 2019

Presentations

Paper presentation, Key syndrome and tuberculous endocarditis, Intensive Care Conference, Singapore, February 2019

Professional Societies' Positions

Inspector, National Board Exams

Advisor, Medical Educations, Board member for Vinayaga Mission Research Foundation

Awards

Felicitated, Textbook of Medicine, Los Angeles Tamil Association, 2019

Felicitated, Textbook of Medicine by an Indian author, World Tamil Conference in the GTEN (Global Tamil Entrepreneurs Network), Chicago, U.S., July 2019

3. Dr Porselvi Rajin

Medical Gastroenterology, Apollo First Med Hospital, Chennai

Chapters contributed to text books

Dr Porselvi Rajin, Updates in Endoscopy, Apollo Textbook Of Medicine, Editor- Prof. Dr T. V. Devarajan,

Jaypee Brothers Medical Publishers, 2019

Professional Societies' Positions

Member, Indian Medical Association (IMA)

Member, INASL

Member, ISG

4. Prof R Venkataswami

Plastic Surgery, Apollo First Med Hospital, Chennai

Professional Societies' Positions

Member, IAAA

Member, INASL

Member, ISG

Awards

Padma Shri Award, 25th January 2019

Ahmedabad

5. Dr Anand S. Iyer

Pediatric Neurology, Apollo Hospitals, Ahmedabad

Chapters contributed to text books

Dr Anand S Iyer, The Lethal Masquerader, Case studies in Neurological Infections of Adults and Children, Editor - Tom Solomon, Cambridge University Press publisher, Page 141-144, March 2019

Dr Anand S Iyer, History Repeating?, Case studies in Neurological Infections of Adults and Children, Editor - Tom Solomon, Cambridge University Press publisher, Page 152-154, March 2019

Publications

Lyttle MD, Rainford NEA, Gamble C, Messahel S, Humphreys A, Hickey H, Woolfall K, Roper L, Noblet J, Lee ED, Potter S, Tate P, Iyer A, Evans V, Appleton RE, Levetiracetam versus phenytoin for second-line treatment of paediatric convulsive status epilepticus (EcLiPSE): a multicentre, open-label, randomised trial,

Lancet, Volume 393, Issue 10186: Page 2125-2134, 25th May 2019

Woolfall K, Roper L, Humphreys A, Lyttle MD, Messahel S, Lee E, Noblet J, Iyer A, Gamble C, Hickey H, Rainford N, Appleton R, Enhancing practitioners' confidence in recruitment and consent in the EcLiPSE trial: a mixed-method evaluation of site training - a Paediatric Emergency Research in the United Kingdom and Ireland (PERUKI) study, BMC Trails, Volume 20: Issue 1: Page 181, 21st March 2019

6. Dr Apurva Shah

Gastroenterology and Hepatology, Apollo Hospitals, Ahmedabad

Publications

Shah A, Bohra S, Cervical esophageal perforation during gastroscopy in adults: case report-report of two cases, Apollo Med, Vol. 16: Issue 2: Page 100-102, 2019

Shah A, Bohra S, Shah M, Sedation and anesthesia in gastrointestinal endoscopy: Indian scenario, J Dig Endosc, Vol. 10: Issue 2: Page 97-100, 2019

Presentations

Presentation, Primary hepatic lymphoma, rare liver tumor- a case report, APDW, Kolkata, 2019

Presentation, Overlap syndrome consisting of autoimmune hepatitis (AIH) with primary sclerosing cholangitis (PSC) and ulcerative colitis- A rare entity, APDW, Kolkata, 2019

Oral presentation, A case series of severe abdominal pain with peripheral eosinophilia without tissue eosinophilia-an unheard entity, International conference, APDW, Kolkata 2019

Awards

Award of citation, Recognition of published papers, Apollo Hospitals Group, April 2019

7. Dr J P Neema

Radiation Oncology, Apollo CBCC Cancer Care, Ahmedabad

Awards

Life Time Achievement Award, Indian Cooperative Oncology Network (ICON), 2019

8. Dr Usha Bohra

Obstetrics and Gynaecology, Apollo Hospitals, Ahmedabad

Awards

Most Inspiring Gynecologists in the western India awards, Economic Times Group, Mumbai, 7th March 2019

AIMSR

9. Dr Aditya

Physiology, Apollo Institute of Medical Science and Research, Hyderabad

Lectures

Organiser, Hands on training in basic molecular biology techniques and bioinformatics, Hyderabad, 9th- 11th December 2019

Talk, Biomedical signal processing from a medical perspective, NIT, Warangal to an audience of faculty members from engineering colleges at part of faculty development programme, Telangana, 2019

10. Dr Aruna Kumari Badam

TB and Chest Diseases, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Jayasri Helen Gali, Harsha Vardhana Varma, Aruna Kumari Badam, Study of the post tuberculosis lung diseases and the impact of various patient and disease related factors on its occurrence, International Journal of Advances in Medicine, Vol. 6: Issue 4: Page 1241-1246,

August 2019

Jayasri H Gali, Harsha V Varma, Aruna K Badam, Hurdle in the eradication of tuberculosis: delay in diagnosis, The Egyptian Journal of Chest Diseases and Tuberculosis, Vol. 68: Issue 1: Page 32-38, 2019

Presentations

Poster Presentation, Team based learning-an effective interactive tool for Medical students, METCON -2019, Hyderabad, 4th – 5th January 2019

11. Dr. Ayesha Juhi

Physiology, Apollo Institute of Medical Science and Research, Hyderabad

Lectures

Lecture, Blended Learning and Assessment Workshop, ESIC – EPOCH, Place, 1st July 2019

12. Dr C Mrudula

Anatomy, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Dr. Dasari Chandi Priya, Dr. Jakka Lakshmi Durga, Dr Mrudula Chandrupatla, A morphological study of nutrient foramina of human ulna and their clinical importance, International Journal of Research and Review, Vol. 6: Issue 6: Pages: 75-79, June 2019

Shabana sultana, Mrudula chandrupatla, Perception of faculty on medical education, European Journal of pharmaceutical and medical research, Vol. 6: Issue 6: Page 818-820, June 2019

Dr Shabana Sultana, Dr Mrudula Chandrupatla, Dr Saju Binu Cherian, Gamification And Multimedia For Effective Learning Of Anatomy, Global Journal For Research Analysis, Vol.8: Issue 6: Page 202- 204, June 2019

Shabana Sultana, M A Doshi, N Jayasree, Mrudula Chandrupatla, Comparative study of drug damage caused on Cerebrum in Chick Embryos administered

with Drugs-Cyclophosphamide and Sodium Valproate, Journal of Pharmaceutical Sciences and Research, Vol. 11: Issue 6, Page 2220-2223, 2019

Priyusha Thummala, Shabana Sultana, Mrudula Chandrupatla, Study of variations of palmaris longus in the dissected upper limbs during anatomy dissection, International journal of Scientific Research, Vol. 8: Issue7: Page 6- 7, July 2019

Dr. Mrudula Chandrupatla, Variation in the formation of portal vein, Indian Journal of Applied Research, Vol. 9: Issue7: Page 1- 2, July 2019

Sai Samyukta, Shabana Sultana, Mrudula Chandrupatla, Case report- unilateral absence of profunda brachii artery, Global Journal for research analysis, Vol. 8, Issue 7, Page 38-39, July 2019

Lectures

Lecture, Effectiveness and perception of concept maps in learning anatomy among first MBBS students, 18th RSA, GITAM, Vizag, 5th – 6th July 2019

Presentations

Poster Presentation, Disconnect-Connect-Over connect (Nomophobia), 9th METCON, Hyderabad, 2019

13. Dr D V Krishnaveni

Biochemistry, Apollo Institute of Medical Science and Research, Hyderabad

Lectures

Judge, Poster presentation, PGs at NIMS, 3rd State Conference, July 2019

Editorial Boards Membership

Reviewer, Scopus Indexed Journals, since 2019

14. Dr Dasari Chandi Priya

Anatomy, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Dr. Dasari Chandi Priya, Dr. Jakka Lakshmi Durga, Dr. Mrudula Chandrupatla, A morphological study of nutrient foramina of human ulna and their clinical importance, International Journal of Research and Review, Vol. 6: Issue 6: Pages: 75-79, June 2019

Dr D Chandi Priya, Anatomical and imaging aspects of stroke, International Journal of Medical Science and Current Research (IJMSCR), Vol. 2: Issue 4: Page 108-114, July-August 2019

15. Dr (Prof) Dilip Mathai

General Medicine, Apollo Institute of Medical Science and Research, Hyderabad

Books Published

Co-editor-Dr Dilip Mathai, Textbook of Anatomy, B. D. Chaurasia, Three volumes, 8th edition, CBS publisher, 2019

Chapters contributed to text books

Dr Dilip Mathai, Infectious Disease Section 3, Viral Disease, API Textbook of Medicine, Editor- Dr. Sandhya Kamath, 11th edition, Volume 1, CBS Publishers, Page 295-345, 2019

Dr Dilip Mathai, Basic Considerations of Viral Diseases, Chapter 62, API Textbook of Medicine, Editor- Dr. Sandhya Kamath, 11th edition, Volume 1, CBS Publishers, Page 295-301, 2019

Dr Dilip Mathai, Hantavirus Infections, Chapter 73, API Textbook of Medicine, Editor- Dr. Sandhya Kamath, 11th edition, Volume 1, CBS Publishers, Page 338-340, 2019

Publications

Raghavendra Rao M.V, Dilip Mathai, Vijay Kumar C ,SP Pallavi, Khizer Hussain Junaidy, Yahiya Hussain Junaidy, Badam Aruna Kumari, Mohammed Ismail Nizami, Jithender Kumar Naik S, The Frugal Investigation Of Fungal Candidiasis, International Journal of Current Advanced Research, Vol. 8: Issue

12: Page 20642-20647, December 2019

Deen Dayal B Reddy, Prapthi P Bathini, Dilip Mathai, Sivaiah Renangi, Monitoring drug-storage temperatures at local pharmacies, Indian J. Appl. Res., Vol. 9: Issue 8: Page 41-43, August 2019

Mathur N, Chatla C, Syed S, Patel Y, Pattnaik S, Mathai D, Rajesham A, Prospective 1-year follow-up study of all cured, new sputum smear positive tuberculosis patients under the Revised National Tuberculosis Control Program in Hyderabad, Telangana State, India, Lung India, Vol. 36: Page 519-24, 2019

Raghavendra Rao M.V, Dilip Mathai, SP. Pallavi, Sateesh Babu A, Sireesha Bala A, Mahendra Kumar Verma, J Madhavi, Kumar Ponnusamy, Ramanaiah CJ, Let us ascend the wall against dengue (The disease of Poverty), International Education and Research (IERJ) PubMed, Vol 5: Issue 9, September 2019

Raghavendra Rao M.V, Sateesh Babu A, Sireesha Bala A, Reshma Fatteh, Mahendra Kumar Verma, J.Madhavi, Kumar Ponnusamy, Dilip Mathai, Unraveling the secrets of filariasis (Medical Mystery) (From cure to elimination), International Journal of Pharmacy and Pharmaceutical Research (IJPPR), Vol. 16: Issue 2, September 2019

Raghavendra Rao M.V, Dilip Mathai, Sandy Badai, Michael Ebesilan Vink Jitendra Kumar Naik Srinivasa Rao D, J Madhavi, Siddharth Sri Gokul Kumar, The diagnosis and treatment of Stein Leventhal syndrome or Polycystic ovarian syndrome (PCOS), International Journal of Recent Scientific Research, Vol. 10: Issue 6: Page 32366-32369 June 2019

Raghavendra Rao M.V, Sateesh Babu A, Sireesha Bala A, Reshma Fatteh, Mahendra Kumar Verma, J.Madhavi, Kumar Ponnusamy, Dilip Mathai, Is Rotavirus Breaking through another glass ceiling? (Sharing is caring), International Journal of Pharmacy and Pharmaceutical Research (IJPPR), Vol. 16: Issue 2: Page 206-216, September 2019

Raghavendra Rao M.V, Dilip Mathai, SP. Pallavi, Sateesh Babu A, Sireesha Bala A, Kumar Ponnusamy,

Ramanaiah CJ, Beware of human Papillomavirus, A miscreant behind more than just breast cancers, International Journal of Current Advanced Research (IJCAR), Vol. 8: Issue 9: Page 19936-19941, September 2019

Raghavendra Rao M V, Dilip Mathai, S. P. Pallavi, Vijaya Raj URS, Mahendra Kumar Verma, J. Madhavi, Ramanaiah C. Jagarlamudi and Sowmya MK, The New Hunt For Killer Virus-Hepatitis-B (Elimination Of Viral Hepatitis, An Infectious Disease Physician's Perspective), International Education and Research (IERJ), PubMed, Vol. 5: Issue 10, 2019

Raghavendra Rao M.V, Dilip Mathai, Sateesh Babu Arja, Sireesha Bala A, S. P. Pallavi, Reshma Fatteh, Ramanaiah C. Jagarlamudi, Invite competition to achieve malaria free world (Keep Calm And Bat On), International Journal of Recent Scientific Research, Vol. 10: Issue 9: Page 34899-34904, September 2019

Raghavendra Rao M.V, Dilip Mathai, Vijay Kumar C, Khizer Hussain Junaidy, Mahendra K Verma, Badam Aruna Kumari, Mohammed Ismail Nizami, Jithender Kumar Naik S, Chronic fibrosing pulmonary Aspergillosis A Cause of Destroyed Lung Syndrome and the Mystery of Aspergillus, International Journal of Current Medical and pharmaceutical Research, Vol. 5: Issue 12, December 2019

Awards

Life Time Achievement Award, for extensive work in the field of HIV/AIDS, both nationally and internationally, AIDS Society of India, 2019

16. Dr Dorababu Patchva

Pharmacology, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Sunitha Kodidela, Dorababu Patchva, Dimpal Thakkar, Biswajit Dubashi, Rajan Sundaram, Ravi Prasad Nidanapu, Muralidharan Nivedita, Anil Aribandi, Suresh Chandra Pradhan, Chakradhara RS Uppugunduri, Increased Risk of Early Hematologic

Toxicity during Maintenance Therapy in Acute Lymphoblastic Leukemia Patients of South Indian Origin Carrying NUDT15*3 Allele, ASH Publications, Vol. 134: Issue Supplement 1: Page 5059, 13th November 2019

Naushad S, Dorababu P, Rupasree Y, Pavani A, Raghunadharao D, Hussain T, Alrokayan SA, Kutala VK, Classification and regression tree-based prediction of 6-mercaptopurine-induced leucopenia grades in children with acute lymphoblastic leukemia. Cancer Chemother Pharmacol, Vol. 83: Issue 5: Page 875-880, May 2019

17. Dr Fozia Jeelani Wani

Obstetrics and Gynaecology, Apollo Institute of Medical Science and Research, Hyderabad

Lectures

Lecture, Emerging concepts in gynecological practice, Workshop and Conference, Maatrika, Hyderabad, 23rd – 24th November 2019

18. Dr G Pavani

Microbiology, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Dr G Pavani, Interactive teaching in Microbiology: Understanding perspectives of II MBBS students, IJAR, Vol. 10: Issue 7: Page 1-4, August 2019

Dr G Pavani, Dr Tina Priscilla, Student's Perception of the Hidden curriculum in AIMS, IJAR, Vol. 9: Issue 7: Page 38-40, 2019

Presentations

Poster presentation, Student 's Perception of the Hidden curriculum in a medical college, METCON, Hyderabad, 2019

Poster presentation, Student 's Perception of the Hidden curriculum in AIMS as part of the ACME programme, JNMC, Belgavi, April 2019

19. Dr Harsha Vardhana Varma

TB and Chest Diseases, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Jayasri Helen Gali, Harsha Vardhana Varma, Aruna Kumari Badam, Study of the post tuberculosis lung diseases and the impact of various patient and disease related factors on its occurrence, International Journal of Advances in Medicine, Vol. 6: Issue 4: Page 1241-1246, August 2019

Jayasri H Gali, Harsha V Varma, Aruna K Badam, Hurdle in the eradication of tuberculosis: delay in diagnosis, The Egypt Journal of Chest Diseases and Tuberculosis, Vol. 68: Issue 1: Page 32-38, 2019

Jayasri Helen Gali, Harsha Vardhana Varma, Factors influencing bronchial asthma exacerbations with special emphasis on inhaler usage, International Journal of Advances in Medicine, Vol. 6: Issue 2: Page 365-370, April 2019

Presentations

Poster Presentation, Large cell neuroendocrine tumour of the lung - A diagnostic challenge, 1stTSTCCON, Gandhi Medical College, Hyderabad, 9th -10th February 2019

20. Dr Hymavathi Bommisetti

Ophthalmology, Apollo Institute of Medical Science and Research, Hyderabad

Publications

D Nirupama, B Hymavathi, L Prathima, T Sanjay Reddy, G Satyanarayana Reddy, Meibomian gland probing in patients with meibomian gland dysfunction, Indian Journal of Clinical and Experimental Ophthalmology, Vol. 5: Issue 1: Page 78-81, January-March 2019

B. Hymavathi, D. Nirupama, L Prathima ,G Satyanarayana Reddy, T Sanjay Reddy, Study on ocular diseases in school children in west Hyderabad, Indian Journal of Clinical and Experimental Ophthalmology, Vol. 5: Issue 2: Page 190-192, April-June 2019

Examinership

Examiner, UG exams in Asram medical college, Eluru, February 2019

21. Dr Jayasri Helen Gali

TB and Chest Diseases, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Jayasri Helen Gali, Harsha Vardhana Varma, Aruna Kumari Badam, Study of the post tuberculosis lung diseases and the impact of various patient and disease related factors on its occurrence, International Journal of Advances in Medicine, Vol. 6: Issue 4: Page 1241-1246, August 2019

Jayasri H Gali, Harsha V Varma, Aruna K Badam, Hurdle in the eradication of tuberculosis: delay in diagnosis, The Egyptian Journal of Chest Diseases and Tuberculosis, Vol. 68: Issue 1: Page 32-38, 2019

Jayasri Helen Gali, Harsha Vardhana Varma, Factors influencing bronchial asthma exacerbations with special emphasis on inhaler usage, International Journal of Advances in Medicine, Vol. 6: Issue 2: Page 365-370, April 2019

Dr Moorthy N.L.N, Dr Padmaja S, Dr Jayasri Helen G, Dr Jayabhasker Reddy S, Dr Mani Mekhala, Mucor Mycosis induced anterior mediastinal abscess with chest wall invasion- a case report, IOSR Journal of Dental and Medical Sciences (IOSR-JDMS), Vol. 18: Issue 6: Page 08-11, June 2019

Lectures

Chaired a session, ILD of Update on management of advanced lung diseases and lung transplantation, Hyderabad, 4th – 5th May 2019

Judge for poster session, 1st TSTCCON, Gandhi Medical College, Hyderabad, 9th -10th February 2019

22. Dr Katta Tina Priscilla

Dermatology, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Tina Priscilla Katta, Mythri Priyadarshini Kodali, Sandeep Kodali, Gandikota Raghurama Rao, A Clinical Study on Cutaneous Manifestations of Obesity, JEMDS, Vol. 8: Issue 37: Page 2846 – 2849, 16th September 2019

Dr G Pavani, Dr Tina Priscilla, Student's Perception of the Hidden curriculum in AIMS, IJAR, Vol. 9: Issue 7: Page 38-40, 2019

23. Dr L Prathima

Ophthalmology, Apollo Institute of Medical Science and Research, Hyderabad

Publications

D Nirupama, B Hymavathi, L Prathima, T Sanjay Reddy, G Satyanarayana Reddy, Meibomian gland probing in patients with meibomian gland dysfunction, Indian Journal of Clinical and Experimental Ophthalmology, Vol. 5: Issue 1: Page 78-81, January-March 2019

B. Hymavathi, D. Nirupama, L Prathima, G Satyanarayana Reddy, T Sanjay Reddy, Study on ocular diseases in school children in west Hyderabad, Indian Journal of Clinical and Experimental Ophthalmology, Vol. 5: Issue 2: Page 190-192, April-June 2019

24. Dr M Krishna Kumari

Obstetrics and Gynaecology, Apollo Institute of Medical Science and Research, Hyderabad

Lectures

Delegate, IX Annual Conference in Medical Education Technology, METCON, Hyderabad, 5th–7th January 2019

Faculty, Consensus on Intrahepatic Cholestasis, Goa, 9th-10th March 2019

Faculty, PCOS– protocols for practice, Hyderabad, 16th March 2019

Moderated, Panel discussion, Recurrent Pregnancy Loss, ISOPARB annual conference, Hyderabad, 29th – 31st March 2019

Faculty, PG teaching programme, SRMC, Chennai, 3rd – 5th May 2019

Faculty, CRPF FOGSI joint wellness Initiative and SRH awareness camp, Nagpur, 13th -14th May 2019

Delegate, CISP workshop, Hyderabad, 30th May -1st June 2019

Faculty, 5th TCOG, Nizamabad, August 2019

Faculty, Ovarian stimulation and IUI, ISAR travelling conference, Trivandrum, 2019

Faculty, Emirates Obstetrics and Gynaecology Congress, Dubai, 17th – 19th October 2019

Speaker, Tackling Obstetric Dilemmas, OGSB, Hyderabad, 23rd October 2019

Talk, Prevention and Management of SSI in Gynaecological Surgeries, OGSB, Hyderabad, 23rd October 2019

Faculty, PG teaching programme, Eluru, 2nd – 3rd November 2019

Examinership

Examiner, Final MBBS part II, Guntur Medical College, 13th – 16th February 2019

Examiner, Final MBBS part II exams, Kamineni Medical College, August 2019

25. Dr M. Pavani Varma

Community Medicine, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Varma MP, Prasad KSV. Awareness about harmful effects of cigarette smoking among adolescents in Shamirpet Mandal, Hyderabad, Int J Community Med Public Health, Vol. 6: Issue 1: Page 208-212, 2019

Presentations

Oral presentation, Prevalence of hypertension and its

grading among districts of Telangana, Telangana State Public Health Conference, Hyderabad, 2019

26. Dr (Prof) M V Raghavendra Rao

Medicine, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Raghavendra Rao M.V, Dilip Mathai, Vijay Kumar C, SP Pallavi, Khizer Hussain Junaidy, Yahya Hussain Junaidy, Badam Aruna Kumari, Mohammed Ismail Nizami, Jithender Kumar Naik S, The Frugal Investigation Of Fungal Candidiasis, International Journal of Current Advanced Research, Vol. 8: Issue 12: Page 20642-20647, December 2019

Raghavendra Rao M.V, Dilip Mathai, SP.Pallavi, Sateesh Babu A, Sireesha Bala A, Mahendra Kumar Verma, J Madhavi, Kumar Ponnusamy, Ramanaiah CJ, Let us ascend the wall against dengue (The disease of Poverty), International Education and Research (IERJ) PubMed, Vol 5: Issue 9, September 2019

Raghavendra Rao M.V, Sateesh Babu A, Sireesha Bala A, Reshma Fatteh, Mahendra Kumar Verma, J.Madhavi, Kumar Ponnusamy, Dilip Mathai, Unraveling the secrets of filariasis (Medical Mystery)(From cure to elimination), International Journal of Pharmacy and Pharmaceutical Research (IJPPR), Vol. 16: Issue 2, September 2019

Raghavendra Rao M.V, Dilip Mathai, Sandy Badai, Michael Ebesilan Vink Jitendra Kumar Naik Srinivasa Rao D, J Madhavi, Siddharth Sri Gokul Kumar, The diagnosis and treatment of Stein Leventhal syndrome or Polycystic ovarian syndrome (PCOS), International Journal of Recent Scientific Research, Vol. 10: Issue 6: Page 32366-32369 June 2019

Raghavendra Rao M.V, Sateesh Babu A, Sireesha Bala A, Reshma Fatteh, Mahendra Kumar Verma, J.Madhavi, Kumar Ponnusamy, Dilip Mathai, Is Rotavirus Breaking through another glass ceiling? (Sharing is caring), International Journal of Pharmacy and Pharmaceutical Research (IJPPR), Vol. 16: Issue 2: Page 206-216, September 2019

Raghavendra Rao M.V, Dilip Mathai, SP. Pallavi, Sateesh Babu A, Sireesha Bala A, Kumar Ponnusamy, Ramanaiah CJ, Beware of human Papillomavirus, A miscreant behind more than just breast cancers, International Journal of Current Advanced Research (IJCAR), Vol. 8: Issue 9: Page 19936-19941, September 2019

Raghavendra Rao M V, Dilip Mathai, S. P. Pallavi, Vijaya Raj URS, Mahendra Kumar Verma, J. Madhavi, Ramanaiah C. Jagarlamudi and Sowmya MK, The New Hunt For Killer Virus-Hepatitis-B (Elimination Of Viral Hepatitis, An Infectious Disease Physician's Perspective), International Education and Research (IERJ), PubMed, Vol. 5: Issue 10, 2019

Raghavendra Rao M.V, Dilip Mathai, Sateesh Babu Arja, Sireesha Bala A, S. P. Pallavi, Reshma Fatteh, Ramanaiah C. Jagarlamudi, Invite Competition To Achieve Malaria Free World (Keep Calm And Bat On), International Journal of Recent Scientific Research, Vol. 10: Issue 9: Page 34899-34904, September 2019

Raghavendra Rao M.V, Dilip Mathai, Vijay Kumar C, Khizer Hussain Junaidy, Mahendra K Verma, Badam Aruna Kumari, Mohammed Ismail Nizami, Jithender Kumar Naik S, Chronic fibrosing pulmonary Aspergillosis A Cause of Destroyed Lung Syndrome and the Mystery of Aspergillus, International Journal of Current Medical and pharmaceutical Research, Vol. 5: Issue 12, December 2019

Awards

International Best Scientist, V D Good Technology Factory, New Delhi, 2019

27. Dr Malini Dutta

Physiology, Apollo Institute of Medical Science and Research, Hyderabad

Lectures

Organiser, METCON, AIMSR, Hyderabad, 4th–6th January 2019

Observer, Revised basic workshop, Gandhi Medical College, 9th January 2019

28. Dr N L N Moorthy

Radiology, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Dr Moorthy N.L.N, Dr Padmaja S, Dr Jayasri Helen G, Dr Jayabhasker Reddy S, Dr Mani Mekhala, Mucor Mycosis induced anterior mediastinal abscess with chest wall invasion- a case report, IOSR Journal of Dental and Medical Sciences (IOSR-JDMS), Vol. 18: Issue 6: Page 08-11, June 2019

29. Dr Neetha Kundoor

Biochemistry, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Neetha Kundoor, Sukumar Sannidhi, Srilatha Bashetty, Effectiveness of fish bowl method in teaching clinical bio-chemistry for 1st year Medical Students, International Journal of Medical Science and Education, Vol. 6: Issue 1: Page 27-31, January-March 2019

Awards

Best Teacher Award, AIMSR, 2019

30. Dr Nirupama Mandiga

Ophthalmology, Apollo Institute of Medical Science and Research, Hyderabad

Publications

D Nirupama, B Hymavathi, L Prathima, T Sanjay Reddy, G Satyanarayana Reddy, Meibomian gland probing in patients with meibomian gland dysfunction, Indian Journal of Clinical and Experimental Ophthalmology, Vol. 5: Issue 1: Page 78-81, January-March 2019

B. Hymavathi, D. Nirupama, L Prathima, G Satyanarayana Reddy, T Sanjay Reddy, Study on ocular diseases in school children in west Hyderabad, Indian Journal of Clinical and Experimental Ophthalmology, Vol. 5: Issue 2: Page 190-192, April-June 2019

Lectures

Faculty, Phaco training and SICS training, SDEH, August 2019

31. Dr Nisha Bhatia

Obstetrics and Gynaecology, Apollo Institute of Medical Science and Research, Hyderabad

Lectures

Speaker, Fitness and Gynaecologist, YUVA FOGSI, Coimbatore, 30th – 31st March 2019

Faculty, CISP workshop, Hyderabad, 30th May -1st June 2019

Panellist, Oral Contraceptives-Newer and Better, OGSB, Hyderabad, 12th June 2019

Examinership

Examiner, Final MBBS part II exams, Kakinada Medical College, 17th -20th February 2019

32. Dr P Mani Mekhala

Pathology, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Dr Moorthy N.L.N, Dr Padmaja S, Dr Jayasri Helen G, Dr Jayabhasker Reddy S, Dr Mani Mekhala, Mucor Mycosis induced anterior mediastinal abscess with chest wall invasion- a case report, IOSR Journal of Dental and Medical Sciences (IOSR-JDMS), Vol. 18: Issue 6: Page 08-11, June 2019

33. Dr Phadnis Rohit Kiran

General Surgery, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Rohit Phadnis, Sagar Kotalwar, Study of symptom profile of patients of large bowel malignancies presenting as acuteobstruction attending tertiary care institute, MedPulse International Journal of Surgery, Vol. 11: Issue 1: Page 11-16, July 2019

Dr Rohit Phadnis, Dr U Sowmya, Laparoscopic Cholecystectomy In Situs Inversus Totalis –A Case

Report, International Journal of Medical and Biomedical Studies, Vol. 3: Issue 10: Page 10-13, October 2019

Rohit Phadnis, Sagar Kotalwar, A study of treatment options and outcome of large bowel malignancy presenting as acuteobstruction, Medpulse Publishing Corporation, MedPulse International Journal of Surgery, Vol. 11: Issue: Page 20-24, 1st July 2019

Pawan Hosamani, Rohit Phadnis, A prospective comparative study of complications in laparoscopic versus opencholecystectomy, MedPulse International Journal of Surgery, Vol. 11: Issue 1: Page 1-6, July 2019

Presentations

Poster Presentation, Cholecystectomy on Situs Inversus, TS ASICON, 12th National Conference of AIDS Society of INDIA, Chennai, 24th November 2019

34. Dr Padmaja Singireddy

Radiology, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Dr Moorthy N.L.N, Dr Padmaja S, Dr Jayasri Helen G, Dr Jayabhasker Reddy S, Dr Mani Mekhala, Mucor Mycosis induced anterior mediastinal abscess with chest wall invasion- a case report, IOSR Journal of Dental and Medical Sciences (IOSR-JDMS), Vol. 18: Issue 6: Page 08-11, June 2019

35. Dr Prapthi Persis

Pharmacology, Apollo Institute of Medical Science and Research, Hyderabad

Awards

Best Teacher Award, AIMSR, 2019

36. Dr S Manick Dass

Microbiology, Apollo Institute of Medical Science and Research, Hyderabad

Lectures

Guest Lecture, On Faecal Microbiota Transplantation (FMT), IAMM state chapter conference, Hyderabad,

February 2019

Guest Lecture, On High end Antibiotic policy and practices at symposium on recent advances in Infectious Diseases, ESI Medical College, Hyderabad, 2019

Guest Lecture, On Paediatric AMSP from Microbiologist point of you, National Conference on Paediatric Infectious Diseases, Hyderabad, 2nd November 2019

Chairman, Scientific Session, Symposium on Viral hepatitis, ESI Medical College, Hyderabad, 5th October 2019

Chaired a talk, Viral Hepatitis E and chronicity- a growing concern in India, Symposium on Viral hepatitis, ESI Medical College, Hyderabad, 5th October 2019

37. Dr Ram Reddy

Physiology, Apollo Institute of Medical Science and Research, Hyderabad

Lectures

Conduct workshop, Changing orientation of faculty as per the new competencies based medical education for entire professors of MBBS of Telangana state, MBBS curriculum, Telangana, 2019

Professional Societies' Positions

Chairman, Board of Studies, I MBBS KNRUHS, since 2019

Awards

Best Teacher Award, AIMSR, 2019

38. Dr Rani Reddy

Obstetrics and Gynaecology, Apollo Institute of Medical Science and Research, Hyderabad

Lectures

Faculty, 5th TCOG, Nizamabad, August 2019

Speaker, World Menopause Day, Hyderabad, 18th October 2019

Talk, Clinical Symptoms of Menopause, World Menopause Day, Hyderabad, 18th October 2019

Chairperson, Maatrika, ISOPARB Hyderabad, 23rd - 24th November 2019

39. Dr Sagar Balajirao Kotalwar

General Surgery, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Rohit Phadnis, Sagar Kotalwar, Study of symptom profile of patients of large bowel malignancies presenting as acute obstruction attending tertiary care institute, MedPulse International Journal of Surgery, Vol. 11: Issue 1: Page 11-16, July 2019

Rohit Phadnis, Sagar Kotalwar, A study of treatment options and outcome of large bowel malignancy presenting as acute obstruction, Medpulse Publishing Corporation, MedPulse International Journal of Surgery, Vol. 11: Issue: Page 20-24, 1st July 2019

40. Dr Sairam Challa

Community Medicine, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Sairam Challa, Varsha Krosuri, Danger signs of acute respiratory tract infections in under-five children: awareness among mothers in the urban slums of Hyderabad, its relation to treatment seeking behaviour, International Journal of Community Medicine and Public Health, Vol. 6: Issue 1: Page 190-196, January 2019

Lectures

Guest Speaker, Data analysis using inferential statistics: Generating tables and analysing the results, University of Hyderabad, Hyderabad, 27th February 2019

41. Dr Saju Binu Cherian

Anatomy, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Cherian SB, Baiyyal KL, Rao MS, Sexually dimorphic effects of chronic prenatal restraint stress on hippocampal neurogenesis using doublecortin immunostaining technique, International Journal of Research and Review, Vol.6: Issue 5: Page 370-377, May 2019

Dr. Shabana Sultana, Dr. Mrudula Chandrupatla, Dr. Saju Binu Cherian, Gamification and multimedia for effective learning of Anatomy, Global Journal For Research Analysis, Vol. 8: Issue 6: Page 202- 204, June 2019

Presentations

Oral paper presentation, Clinically Oriented Anatomy Teaching (COAT): An Approach for Developing Critical- thinking skills in Undergraduate Medical Students, Association of Medical Educationists State level Conference METCON, Hyderabad, 2019

Oral paper presentation, Question of the day: An experiential learning activity to instigate active learning, National Conference on Health Professions Education, NCHPE, KLE, Belgaum, 21st -23rd November 2019

Awards

Oral Paper Presentation Award, for Clinically Oriented Anatomy Teaching (COAT): An Approach for Developing Critical- thinking skills in Undergraduate Medical Students at, Association of Medical Educationists State level Conference METCON, Hyderabad, 2019

Consolation prize, A randomized double blind study to determine the effect of Bio- fortified Pearl millet compared to conventional Pearl millet among pre-school children with anemia residing in Urban Slums, MAHE- FAIMER, International Institute for Leadership in Inter professional Education, Hyderabad, 7th July 2019

42. Dr Satyanarayana Reddy

Ophthalmology, Apollo Institute of Medical Science and Research, Hyderabad

Publications

D Nirupama, B Hymavathi, L Prathima, T Sanjay Reddy, G Satyanarayana Reddy, Meibomian gland probing in patients with meibomian gland dysfunction, Indian Journal of Clinical and Experimental Ophthalmology, Vol. 5: Issue 1: Page 78-81, January-March 2019

B. Hymavathi, D. Nirupama, L Prathima, G Satyanarayana Reddy, T Sanjay Reddy, Study on ocular diseases in school children in west Hyderabad, Indian Journal of Clinical and Experimental Ophthalmology, Vol. 5: Issue 2: Page 190-192, April-June 2019

43. Dr Shabana Sultana

Anatomy, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Shabana sultana, Mrudula chandrupatla, Perception of faculty on medical education, European Journal of pharmaceutical and medical research, Vol. 6: Issue 6: Page 818-820, June 2019

Dr. Shabana Sultana, Dr. Mrudula Chandrupatla, Dr. Saju Binu Cherian, Gamification And Multimedia For Effective Learning Of Anatomy, Global Journal For Research Analysis, Vol. 8: Issue 6: Page 202- 204, June 2019

Shabana Sultana, M ADoshi, NJayasree, Mrudula Chandrupatla, Comparative study of drug damage caused on Cerebrum in Chick Embryos administered with Drugs-Cyclophosphamide and Sodium Valproate, Journal of Pharmaceutical Sciences and Research, Vol. 11: Issue 6, Page 2220-2223, 2019

Priyusha Thummala, Shabana Sultana, Mrudula Chandrupatla, Study of Variations of Palmaris Longus In The Dissected Upper Limbs During Anatomy dissection, International journal of Scientific Research, Vol. 8: Issue7: Page 6- 7, July 2019

Sai Samyukta, Shabana Sultana, Mrudula Chandrupatla, Case report –Unilateral absence of Profunda brachii artery, Global Journal for research analysis, Vol. 8, Issue 7, Page 38- 39, July 2019

Sai Thanmai Kota, Shabana Sultana, Mrudula Chandrupatla, Hour glass stomach, European journal of pharmaceutical and medical research, Vol. 6: Issue 8, July -2019

44. Dr Snigdha Pattnaik

Community Medicine, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Snigdha Pattnaik, Rayyan Abdul Khader, A cross sectional study on knowledge, attitude and behaviour regarding swine flu in urban slum of Hyderabad, India, International Journal of Research in Medical Sciences, Vol. 7: Issue 8: Page 3014-3019, August 2019

45. Dr Srilatha Bashetty

Biochemistry, Apollo Institute of Medical Science and Research, Hyderabad

Publications

Neetha Kundoor, Sukumar Sannidhi, Srilatha Bashetty, Effectiveness Of Fish Bowl Method In Teaching Clinical Bio-Chemistry For 1st Year Medical Students, International Journal of Medical Science and Education, Vol. 6: Issue 1: Page 27-31, January-March 2019

46. Dr S Srikrishna

Paediatrics, Apollo Institute of Medical Science and Research, Hyderabad

Professional Societies' Positions

Executive Board member, Indian Academy of Pediatrics from Telangana State, since 2019

Awards

Best Teacher Award, Apollo Medical college, 2019

47. Dr Sudarshan Reddy

Paediatrics, Apollo Institute of Medical Science and Research, Hyderabad

Lectures

Chairperson, Scientific Committee, National conference of Pediatric Infectious Diseases, Hyderabad, November 2019

Professional Societies' Positions

Member, Indian Academy of Pediatrics from Telangana state

48. Dr Sumana Sen

Pharmacology, Apollo Institute of Medical Science and Research, Hyderabad

Professional Societies' Positions

Evaluator, Research Expert committee of Rajiv Gandhi University of health Sciences (RGUHS), Karnataka, since 2019

Examinership

Ph.D examiner, Banaras Hindu university, December 2019

49. Dr T Sanjay Reddy

Ophthalmology, Apollo Institute of Medical Science and Research, Hyderabad

Publications

D Nirupama, B Hymavathi, L Prathima, T Sanjay Reddy, G Satyanarayana Reddy, Meibomian gland probing in patients with meibomian gland dysfunction, Indian Journal of Clinical and Experimental Ophthalmology, Vol. 5: Issue 1: Page 78-81, January-March 2019

B. Hymavathi, D. Nirupama, L Prathima, G Satyanarayana Reddy, T Sanjay Reddy, Study on ocular diseases in school children in west Hyderabad, Indian Journal of Clinical and Experimental Ophthalmology, Vol. 5: Issue 2: Page 190-192, April-June 2019

50. Dr Uma Unnikrishnan

Biochemistry, Apollo Institute of Medical Science and Research, Hyderabad

Presentations

Poster Presentation, METCON conference, January 2019

Awards

First prize for Poster presentation in Faculty category, Third State Conference of Telangana chapter- Association of Medical Biochemists of India TS-AMBI, Hyderabad, June 2019

51. Dr V Rama Mohan rao

General Surgery, Apollo Institute of Medical Science and Research, Hyderabad

Publications

N Himabindu, V Rama Mohan Rao, M Bhargavi, Incidental Thyroid Carcinoma - A Surgical Dilemma, International Journal of Scientific Research, Vol. 8: Issue 1: Page 18-20, January 2019

Apollo Proton Cancer Center

52. Dr Pankaj Kumar Panda

Radiation Oncology, Apollo Proton Cancer Centre, Chennai

Lectures

Organised, Chennai - Australia and Asia Pacific Clinical Oncology Research Development (ACORD) one-day workshop, Chennai, September 2019

Faculty, Clinical Oncology Research for graduate and post-graduate trainees, Bhagwan Mahaveer Cancer Hospital and Research Centre, Jaipur, December 2019

Presentations

Recent Advances in Oral Cancer Management, Association of Oral and Maxillofacial Surgeons of India lecture series, Chennai, April 2019

Clinical Oncology Research for graduate and post-graduate trainees, Association of Oral and

Maxillofacial Surgeons of India Master Class, Bhubaneswar, March 2019

Professional Societies' Positions

Member, Dental Council of India (DCI), since January 2013

Member, American Society of Clinical Oncology (ASCO), since October 2016

Member, European Society of Medical Oncology (ESMO), since April 2019

Apollo Spectra

53. Dr Anand Kavi

Spine Surgery, Apollo Spectra, Pune

Awards

Felicitated by Chief Minister Chhattisgarh at a conference in Raipur, March 2019

Bangalore

54. Dr Aruna R Patil

Radiology, Apollo Hospitals, Bangalore

Awards

Cum Laude Award, Exhibit at McCormick place, RSNA, Chicago, 4th December 2019

55. Dr Chitra Ramamurthy

Obstetrics and Gynaecology, Apollo Hospitals, Bangalore

Lectures

Chairperson, 2nd National Cradle Conference, Bengaluru, 26th – 28th July 2019

56. Dr Mala Prakash

Obstetrics and Gynaecology, Apollo Hospitals, Bangalore

Lectures

Chairperson, 2nd National Cradle Conference, Bengaluru, 26th – 28th July 2019

57. Dr Narasimhaiah Srinivasaiah

Colorectal Surgery, Pelvic and Peritoneal oncology, Apollo Hospitals, Bangalore

Publications

Singh HK, Young T, Srinivasaiah N, Marcelle M, Cannabis use in the young and stercoral perforation, Br J Hosp Med (Lond), Vol. 80: Issue 5, 2nd May 2019

Lectures

Lectures, Robotics, 1st GEMAS Videocon, Calcutta, 23rd November 2019

Right Hemi-colectomy – A precision based procedure, 8th International Biennial colorectal conference, CMC Vellore, 31st October – 2nd November 2019

Lecture, S K Panduranga Rao endowment, IMA, Ballar, Karnataka, 29th August 2019

Lecture, MyMUL – My mistakes you Learn, International patient safety conference, Hyderabad, 24th August 2019

Key note address, Indian Public school- Patil's Charitable Trust, Annual day, 23rd November 2019

Key note address, AMC Institutions, Bangalore, Ayur Health celebrations, 21st September 2019

Key note address, Golden Jubilee celebrations of Karnataka Cancer Society, IISc, Bangalore, 27th January 2019

Chair / panellist, Sessions, 3rd Apollo International Colorectal Symposium, 22nd– 24th March 2019

Chaired session, MIS in onco-surgery, Apollo Cancer congress, Chennai, 26th January 2019

Panel discussion, Onco-surgery, Apollo Cancer congress, Chennai, 26th January 2019

Editorial Boards Membership

Editorial Member, World Journal of Surgery and Surgical Research

Member, Clinics in Surgery Journal editorial team

Professional Societies' Positions

Honorary Consultant, Laparoscopic general / colorectal / onco-surgery, PAH NHS Trust, UK

Honorary Senior Lecturer, Queen Mary University of London, UK

Founder, CANFRI.ORG (A charitable CSR venture), Rural Bangalore, India

Founder, NaNiDam.org (A wellness and healthcare venture), Rural Bangalore, India

Advisor, Karnataka Cancer Society, Bangalore

Member, Bangalore Oncology Group

Member, ACPGBI

Member, RSM – Coloproctology

Member, ESCP

Member, DUKE Clu

Awards

Receipt of Cash Award for a academic accomplishment of publishing three paper for the year 2019, from Dr Prathap C Reddy, Chairman of Apollo Hospitals

Receipt of a personal citation, Clinical accomplishment of stretching the boundaries of laparoscopic colorectal and pelvic surgery, Apollo Chairman Dr Prathap Reddy, 2019

58. Dr Prashanth Urs

Paediatrics and Neonatology, Apollo Hospitals, Bangalore

Lectures

Chairperson, 2nd National Cradle Conference, Bengaluru, 26th – 28th July 2019

59. Dr Raviraj A

Orthopaedics, Joint Replacement, Apollo Hospitals, Bangalore

Publications

A Raviraj, Vidyasagar Maalepati, Ashish Anand,

Osteoid osteoma of the sacrum- case report and review of literature, Journal of Advances in Medicine and Medical Research, Vol. 30: Issue 9: Page 1-6, 2019

ARaviraj, Vidyasagar Mallepati, K Abhishek Sugumar, Vivek Kumar N Savsani, Ajith N Prabhu, Ashish Anand, Distal humeral shear fracture – a modified technique for exposure, Journal of Advances in Medicine and Medical Research, Vol. 30: Issue 11: Page 1-5, 2019

A Raviraj, Vidyasagar Mallepati, K Abhishek Sugumar, Vivek Kumar N Savsani, Ajith N Prabhu, Ashish Anand, Os Acromiale – unusual Manifestation as Superior Spur and Bursitis - A Case Report, Journal of Advances in Medicine and Medical Research, Vol. 31: Issue 2: Page 1-6, 2019

Professional Societies' Positions

Academic teacher, Training orthopaedic post graduates for Diplomate of National board (DNB), since 2019

60. Dr Shabnam Bashir

Colorectal Surgery, Apollo Hospitals, Bangalore

Chapters contributed to text books

Dr Shabnam Bashir, Breast Cancer, A Textbook of Clinical Oncology in Indian Context, Chapter 6, Editor-Suresh Sanchetee, 1st edition, Jodhpur San Hos, Page 680, 1st January 2019

61. Dr Venkatesh HK

Neuroanaesthesia and Neurocritical Care, Apollo Hospitals, Bangalore

Publications

Srinivas Deepti, Halesh Ashwini, Keshavan Venkatesh, Lumbar Drain Tunneling: A Safe Two-Needle Technique, Journal of Neuroanaesthesiology and Critical Care, DOI <https://doi.org/10.1055/s-0039-1692593>, 10th April 2019

Lectures

Course instructor, ENLS course, Neurocritical care

Society, USA, DM Hospital, Pune, 7th January 2019

Guest faculty, Postgraduate Training Programme, PG Excel, Bangalore, 9th– 10th February 2019

Faculty, Perioperative Neuromonitoring, 20th National Conference of ISNACC, Gurugram, Delhi, 15th -17th February 2019

Faculty, Airway in Trauma, Airway workshop, JSS medical college, Mysore, 2nd -3rd November 2019

Panelist, Certification courses in Neuroanesthesia and Neurocritical Care- is it productive or Counter-productive, AIIMS Update, New Delhi, 19th-20th October, 2019

Faculty and Course Coordinator and Instructor of CTLS (Comprehensive Trauma Life Support) Course, Preconference workshop of ISA National Conference, Bengaluru, 24th -25th November 2019

Professional Societies' Positions

Life member, Indian Society of Anaesthesiologists, since 1996

Life member, Indian Society of Neuroanaesthesiology and Critical Care, India, since 2000

Life member, Neurological Society of India, since 2003

Life member, ITACCS, Indian Chapter, since 2005

Life member, IMA, Indian Medical Association, since 2008

Member, Neurocritical Care Society, USA, since 2015

President, Indian Society of Neuroanaesthesiology and Critical Care (ISNACC), since 2019

President Elect, Indian Society of Neuroanaesthesiology and Critical Care (ISNACC), since 2018

Bhubaneshwar

62. Dr Ajit Surin

Dermatology, Apollo Hospitals, Bhubaneswar

Publications

Sharma D, Sandhya P, Vellarikkal SK, Surin AK, Jayarajan R, Verma A, Kumar A, Ravi R, Danda D, Sivasubbu S, Scaria V, Saliva microbiome in primary Sjögren's syndrome reveals distinct set of disease-associated microbes, NCBI, Oral Disease. Volume 26: Issue 2: Page 295-301, September 2019

Janardana R, Nair AM, Surin AK, Prakash JAJ, Gowri M, Danda D, Unique clinical and autoantibody profile of a large Asian Indian cohort of scleroderma-do South Asians have a more aggressive disease?, International Journal of Rheumatology, Volume 38: Issue 1: Page 3179-3187, 15th July 2019

Lectures

Lecture, Approach the TAKAYASHU ARTERITIS, Annual State Conference of Rheumatology, Cuttack, 13th – 14th December 2019

Lecture, REACH SUMMIT on Inflammation and Immunology, Chiang Mai, Thailand, 24th – 28th January 2019

63. Dr Amitav Mohanty

General Medicine, Apollo Hospitals, Bhubaneswar

Lectures

Lecture, a clinical approach to fever in adults, Meeting on fever/ infections, Bangalore, 15th-17th November 2019

64. Dr Debabrata Padhy

Orthopedics, Apollo Hospitals, Bhubaneswar

Lectures

Lecture, Tibial Lucency-when it is important, IOACON, 64th Annual Orthopedic Conference, Kolkata, 21st – 24th November 2019

Lecture, Impact of Extremity on outcome & posterior

condylar offset-Difference in TKR, IOACON 2019, Kolkata, 21st -24th November 2019

Lecture, Fracture in growing skeletons- How they are different, State Orthopaedic Conference, Berhampur, 11th-13th January 2019

Course Trainer, THR Lab, Ms Ramiya Cadaver, 18-21 March 2020

Lecture, Digital femoral fracture- Management principle, AO basic course, Bhubanneshwar, 2019

Professional Societies' Positions

Executive body member, Indian Arthroplasty Association, since 2019

Founder Secretary, Odisha Arthroplasty Association, since 2017

Awards

Primetime Global Health Care Excellence Award, Best Arthroplasty surgery of Odisha, 27th July 2019

65. Dr Dipika Mohanty

Haematology, Apollo Hospitals, Bhubaneswar

Editorial Boards Membership

Member, Indian Journal of Medical Research, since 2015

Member, Editorial Board Member of Journal of Blood Transfusion and Diseases, USA, Since 2016

Member, Editorial Board Member of Genetics Research International, Since 2017

Reviewer, Current Pharmaceutical Bio-technology Journal, since 2015

Member of task forces of Government of India or State Governments

Member, Peer Review Committee of ICMR, Haematology, Physiology, Genetics and Pharmacology

Advisor, Health Surveillance of Hemoglobinopathies

Awards

RULA AWARDS, Relief of acute chest syndrome of

Sickle cell anaemia by Nitric Oxide Inhalation- A Report of 2 Case, World Research Council & United Medical Council, December 2019

Samarpita Sevasanman Award, dedicated service towards promotion of Voluntary Blood Donation, December 2019

66. Dr Kahnu Das

Histopathology, Apollo Hospitals, Bhubaneswar

Publications

Dr Das, K.C., Dr Anshuman, Dr Rajat Khandelwal, Dr Kailash Mohitey, Dr Pepse Pradhan, Extra-Pulmonary Tuberculosis is associated with an unusual cause of DVT –a rare case report, International Journal of Current research, Volume 11: Issue2: Page 1078-1081, February 2019

67. Dr Laxmikanta Mishra

Plastic Surgery, Apollo Hospitals, Bhubaneswar

Lectures

Lecture, International Conference on Aesthetic Surgery, Kolkata, 24th -26th January 2019

68. Dr Madhusudan Modi

Surgical Gastroenterology, Apollo Hospitals, Bhubaneswar

Examinership

MRCS of The Royal College Of surgeons, England, January 2019

69. Dr Md Ibrarullaha

Surgical Gastroenterology, Apollo Hospitals, Bhubaneswar

Books published

Editor - Mahammad Ibrarullah, ATLAS of Diagnostic Endoscopy, 3rd edition, CRC Press publisher, 4th December 2019

Publications

Ibrarullah M, Samantaray PK, Meher S, Bruno WH,

Gallstone ileus of upper gastrointestinal tract: A case series, Indian J Gastroenterol, Volume 38: Issue 3: Page 273-275, 14th April 2019

Mohammad Ibrarullah, Pramod Kumar Samantaray, Wani Hamza Bruno, Sadananda Meher, Unusual Cause of Biliary Obstruction in Chronic Pancreatitis, Indian Journal of Surgery, Volume 81: Page 77–79, 2019

Mohammad Ibrarullah, Wani Hamza Bruno, Sadananda Meher, Spontaneous Rupture of liver tumors, Indian Journal of Surgery, <https://doi.org/10.1007/s12262-019-01986-1>, 7th October 2019

Mohammad Ibrarullah, Manas R Baisakh, Ambika Prasad Dash, Asutosh Mohapatra, Sangram Keshari Sahoo, Apurva Agarwal, Cholecystectomy for Asymptomatic Gallstones: Clinicopathological Study, Tropical Gastroenterology, Volume 39: Issue 2: Page 62-67, 2019

Mohammad Ibrarullah, Hamza Wani, Sadananda Meher, Pramod Kumar Samantaray, Giant Colonic Diverticulum: Diagnosis on CT Scan, Acta Scientific Gastrointestinal Disorders, Volume 2: Issue 6: Page 43-44, August 2019

Dr Mohammad Ibrarullah, Abdominal tuberculosis, Medical Gastroenterology, Volume 23: Issue 3: Page 150-153, 2019

Lectures

Lecture, Open CBD Exploration (Video presentation), Annual Conference of ASI, 2019, Bhubaneswar, 18th – 21 December 2019

Lecture, Pancreatic Necrosectomy, Annual Conference of IHPBA, Jaipur, January 2019

Editorial Boards Membership

Member, Indian Journal of Surgery, since 2019

Awards

Travel Grant Award, 31st Annual Meeting of Japanese Society of HPB surgery, Takamatsu, Japan, 14th June 2019

70. Dr Manoj Chhotray

General Medicine, Apollo Hospitals, Bhubaneswar

Professional Societies' Positions

President, Indian Medical Association, since 2016

Vice President, Indian Rheumatological Association, since 2017

71. Dr Nisith Kumar Mohanty

Nephrology, Apollo Hospitals, Bhubaneswar

Lectures

Lecture, Anemia management beyond EPO, ISN Annual Conference, Chandigarh, 20th-24th November 2019

72. Dr Prafulla Kumar Sahoo

Neurosurgery, Apollo Hospitals, Bhubaneswar

Lectures

Lecture, Evidence based in Management of medulloblastoma, Neuro Surgical Society of India (NSSI), Annual Conference, Guwahati, 26th February 2019

Lecture, National CME on Neuro critical care, NIMHANS, Bangalore, 14-15 June, 2019

Lecture, Indications technique, NSSA, Kochi, 21-29 August 2019

Professional Societies' Positions

Secretary, Neurological Society of Odisha, since 2019

Examinership

Examiner, DNB Neurosurgery, NIMS, Hyderabad, 27-30 March 2019

Examiner, MCH Neurosurgery, RIMS, Ranchi, 18-21 September 2019

73. Dr Prasant Kumar Sahoo

Cardiology, Apollo Hospitals, Bhubaneswar

Lectures

Lecture, Nightmares in cathlab: How to tackle the menace, 71st National Cardiological Society of India,

Delhi, 5th – 6th December 2019

74. Dr Sambit Das

Endocrinology, Apollo Hospitals, Bhubaneswar

Publications

Bajaj S, Das AK, Kalra S, Sahay R, Saboo B, Das S, Shunmugavelu M, Jacob J, Priya G, Khandelwal D, Dutta D, Chawla M, Surana V, Tiwaskar M, Joshi A, Shrestha PK, Bhattarai J, Bhowmik B, Latt TS, Aye TT, Vijayakumar G, Baruah M, Jawad F, Unnikrishnan AG, Chowdhury S, Pathan MF, Somasundaram N, Sumanathilaka M, Raza A, Bahendeka SK, Coetzee A, Ruder S, Ramaiya K, Lamptey R, Bavuma C, Shaikh K, Uloko A, Chaudhary S, Abdela AA, Akanov Z, Rodriguez-Saldaña J, Faradji R, Tiago A, Reja A, Czupryniak L, BE-SMART (Basal Early Strategies to Maximize HbA1c Reduction with Oral Therapy): Expert Opinion, Diabetes Ther, Volume 10: Issue 4: Page 1189-1204, 17th May 2019

Surender Kumar, Pradeep G Talwalkar, Sambit Das, Soumik Goswami, Cardiovascular Effects of Sodium Glucose Co-transporter-2 Inhibitors in Patients with Type 2 Diabetes Mellitus, Indian Journal of Endocrinology & Metabolism, Volume 23: Issue1: Page 150-158, October 2019

Kalra S, Das AK, Sahay RK, Baruah MP, Tiwaskar M, Das S, Chatterjee S, Saboo B, Bantwal G, Bhattacharya S, Priya G, Chawla M, Brar K, Raza SA, Aamir AH, Shrestha D, Somasundaram N, Katulanda P, Afsana F, Selim S, Naseri MW, Latheef A, Sumanatilleke M, Consensus Recommendations on GLP-1 RA Use in the Management of Type 2 Diabetes Mellitus: South Asian Task Force, Diabetes Ther, Volume 10: Issue 5: Page 1645-1717, 29th July 2019

Kalra S, Das AK, Baruah MP, Unnikrishnan AG, Dasgupta A, Shah P, Sahay R, Shukla R, Das S, Tiwaskar M, Vijayakumar G, Chawla M, Eliana F, Suastika K, Orabi A, Rahim AAA, Uloko A, Lamptey R, Ngugi N, Bahendeka S, Abdela AA, Mohammed F, Pathan MF, Rahman MH, Afsana F, Selim S, Moosa M, Murad M, Shreshtha PK, Shreshtha D, Giri M, Hussain W, Al-Ani A, Ramaiya K, Singh S, Raza SA, Aye TT, Garusinghe C, Muthukuda D, Weerakkody M, Kahandawa S, Bavuma

C, Ruder S, Vanny K, Khanolkar M, Czupryniak L, Euthymia in Diabetes: Clinical Evidence and Practice-Based Opinion from an International Expert Group, Indian Journal of Diabetes Therapy, Volume 10: Issue 3: Page 791-804, 22nd April 2019

Kalra S, Das AK, Baruah MP, Unnikrishnan AG, Dasgupta A, Shah P, Sahay R, Shukla R, Das S, Tiwaskar M, Vijayakumar G, Chawla M, Eliana F, Suastika K, Orabi A, Rahim AAA, Uloko A, Bahendeka S, Abdela AA, Mohammed F, Pathan F, Rahman MH, Afsana F, Selim S, Moosa M, Murad M, Shreshtha PK, Shreshtha D, Giri M, Hussain W, Al-Ani A, Ramaiya K, Singh S, Raza SA, Aye TT, Garusinghe C, Muthukuda D, Weerakkody M, Kahandawa S, Bavuma C, Ruder S, Vanny K, Khanolkar M, Czupryniak L, Glucocrinology of Modern Sulfonylureas: Clinical Evidence and Practice-Based Opinion from an International Expert Group, Indian Journal of Diabetes Therapy, Volume 10: Issue 5: Page 1577-1593, 2nd July 2019

75. Dr Sanjeev Patnaik

Orthopedics, Apollo Hospitals, Bhubaneswar

Lectures

Lecture, Management of Proximal Femoral Fractures by Trigen Intertan Nail, Trauma Instructional Course, Bangalore, Date December 2019

Lecture, Coxofemoral Bypass, 64th Annual Orthopedic Conference of Indian Orthopedic Association, Kolkata, 19th – 24th November 2019

Lecture, Minimally Invasive Total Hip Replacement using Anterolateral approach is it only a Hype or deserves merit, BIT's 6th Annual World Congress of Orthopedics, Dalian, China, 11th – 13th October 2019

Lecture, COXO femoral Bypass in Elderly, Unstable Intertrochanteric femur fractures, 7th International GOSICON, Aurangabad, 9th September 2019

Lecture, Optimising patients for a successful TKR and choosing the winners, IHKS, Yogyakarta, Indonesia, 21st – 25th August 2019

Lecture, Management algorithm in pilon fractures, Lower Extremity Advanced Technology forum, Kolkata, February 2019

Lecture, Future Articulations in TKR, Summit on Tribology and Newer Advances in Arthroplasty, New Delhi, February 2019

Alignment in TKA-What is the impact on wear?, Summit on Tribology and Newer Advances in Arthroplasty, New Delhi, February 2019

Lecture, The Trigger Intertan Mail- The Wonder Mail, Annual Odisha Orthopaedics Conference, Berhampur, January 2019

Awards

ICON of the Healthcare Award at south Asia pacific Healthcare Summit and Business Awards, ICON of the Healthcare Award, 14th December 2019

76. Dr Satyabrata Dash

Psychiatry, Apollo Hospitals Bhubaneswar

Professional Societies' Positions

Chairperson, Web site Committee IPS-OSB, since 2018

77. Dr Satyabrata Tripathy

Dermatology, Apollo Hospitals, Bhubaneswar

Lectures

Lecture, National IADVL conference, Bangalore, 10th – 13th January 2019

78. Dr Sharmili Sinha

Critical care, Apollo Hospitals, Bhubaneswar

Publications

Sharmili Sinha, Suneeta Sahu, Jyotirmaya Pati, Banambar Ray, Saroj Kumar Pattnaik, Retrospective analysis of colistin-resistant bacteria in a tertiary care centre in India, Indian Journal of Medical research, Volume 149: Issue 3: Page: 418-422, 24th June 2019

Lectures

Lecture, Advance in hemodynamic monitoring, Tata Memorial centre Alumni meet and Anaesthesia update, TMH, Mumbai, 29th June 2019

Lecture, Advance in Rib fractures, PGI Medical Education and Research, Chandigarh, 29th July 2019

Lecture, Management of severe traumatic brain injuries, PGI Medical Education and Research, Chandigarh, 29th July 2019

I want to measure GFR in ICU- How?, East Zone Critical Care Conference, Kolkata, 16th-18th November 2019

Lecture, Daily investigation in ICU, National Critical Care Conference, Mumbai, 31st January-3rd February 2019

Organising Chairperson, 2nd Odisha Annual Critical Care Conference (Under the banner of ISCCM), Bhubaneswar, 2019

Professional Societies' Positions

Chairperson, Indian society of Critical Care, Bhubaneswar, since 2019

79. Dr Smarajit Patnaik

Orthopedics, Apollo Hospitals, Bhubaneswar

Professional Societies' Positions

Member, American Academy and European Society for Knee Surgery and Arthroscopy, since 2017

80. Dr Sreeharsha Satpathy

Cardiac Anaesthesia, Apollo Hospitals, Bhubaneswar

Professional Societies' Positions

Member, Indian Association of Cardiothoracic Anaesthesiologist (IACTA), since April 2014

81. Dr Suneeta Sahu

Neurosurgery, Apollo Hospitals, Bhubaneswar

Publications

Madhusmita Bal, Mahesh Prasad Mohanta, Suneeta Sahu, Bhagirathi Dwibedi, Sanghamitra Pati, Manoranjan Ranjit, Profile of Pediatric Scrub Typhus in Odisha, India, Indian Pediatrics, Springer, Volume 56: Page 304-306, 24th April 2019

82. Dr Suryakanta Pradhan

Psychiatric, Apollo Hospitals, Bhubaneswar

Publications

Santosh Kumar Swain, Sampada Munjal, Suryakanta Pradhan, Pediatric Cough, Apollo Medicine, Volume 16: Issue 2: Page 87-92, June 2019

83. Dr Suryakanta Swain

Pediatrics, Apollo Hospitals, Bhubaneswar

Lectures

Lecture, PEDICON 2019, Mumbai, 5th - 10th February 2019

84. Dr Suryanarayan Mohanty

Obstetrics and Gynaecology, Apollo Hospitals, Bhubaneswar

Lectures

Lecture, AICOG, Bangalore, 10th-13th January 2019

Bilaspur

85. Dr (Prof) Kalpana Dash

Endocrinology, Apollo Hospitals, Bilaspur

Publications

Kalpana Dash, Surekha Tippisetty, Vamsi Kolukula, SUN-157 Clinical and Demographic Profile of Type 2 Diabetes Patients: an Epidemiology Report from Central India, Journal of the Endocrine Society, Vol. 3: Issue Supplement 1, 30th April 2019

Lectures

Lecture, Hypogonadism in diabetes and obesity, NUCD, Nagpur, 13th January 2019

Lecture, Interpretation Peripheral Arterial Disease (PAD): CRESCENDO, Kolkata, 9th August 2019

Lecture, Indian Diabetics and its unique pathophysiology and treatment options, Jabalpur, Endocrine Society, 20th September 2019

Lecture, Pancreatic Diabetes: GLUCOCRINOLOGY, Indore, 27th September 2019

Lecture, Reversal of Aging: Is it possible?: ESICON Annual Conference, Nagpur, 23th November 2019

Clinical and Demographic Profile of T2DM Patients: an Epidemiology Report from Central Chhattisgarh State Raipur and Bilaspur Apollo Sugar Clinic, ENDO-Society Annual Scientific Meeting, New Orleans, Louisiana, USA, 2019

Clinical Approach to Precocious puberty, Annual conference of ESOCON, MKCG Medical College, Berhampur Orissa, 14th December 2019

Presentations

Paper Presentation, Diabetes Educational And Risk Scoring (Dear) App For Patients At Apollo Sugar Clinics-A tool that gives an early indication, 12th International conference on Advanced Technologies and Treatments for Diabetes (ATTD), Berlin, Germany, 20th-23rd February 2019

Editorial Boards Membership

Editorial Board Member, Apollo Medical Journal

Editorial Board Member, Official Journal published by Elsevier publisher

Professional Societies' Positions

Member, Chhattisgarh Health (Ayush) and Member, Medical Science University (Chhattisgarh Ayush and Swasthya Vigyan University)

Life member, Endocrine society of India (ESI), India

Life member, American Endocrine Society (AES), USA

Member, American Diabetic Association (ADA), USA

Life member, Research Society of Study of Diabetes in India (RSSDI)

Life member, Indian Medical Association (IMA), India

Life Member, Endocrine Society of Orissa (ESO), Orissa

Awards

The Honorable Adjunct Professor Of Endocrinology, for conducting research activities and academics in the Institute, 2019

86. Dr Rashmi Sharma

Obstetrics and Gynaecology, Apollo Hospitals, Bilaspur

Professional Societies' Positions

Life member, Federation of Obstetrics and Gynecology Society of India

Awards

Fellowship, RCOG, London, 15th June 2019

87. Dr Vinit Kumar Srivastava

Neuro-Anesthesiology, Apollo Hospitals, Bilaspur

Publications

Srivastava VK, Agrawal S, Deshmukh SA, Noushad F, Khan S, Kumar R, Efficacy of tiroprium for prevention of catheter-related bladder discomfort: a prospective, randomized, placebo-controlled, double-blind study, Vol. 73: Issue 2: Page 145-150, 11th October 2019

Editorial Boards Membership

Editorial Board Member, Journal of ARC

Reviewer, PLOS ONE, since 2018

Reviewer, Yonsi Medical Journal, since 2015

Reviewer, TRIALS Journal, since 2015

Reviewer, Acta Anaesthesiologica Scandinavica, since 2017

Reviewer, Acta Anaesthesiologica Belgica, since 2018

Reviewer, International Journal of Surgery Research and Practice, since 2016

Reviewer, International Journal of Anesthetics and Anesthesiology, since 2016

Reviewer, Journal of Clinical and Diagnostic Research, since 2014

Reviewer, Anesthesiology Research and Practise

Reviewer, Journal of International Medical Research

Reviewer, Turkish Journal of Gastroenterology

Professional Societies' Positions

Member, Indian Society of Anaesthesia

Member, Indian Society of Critical Care

Member, Indian Society of Neuroanaesthesiology & Critical Care

Awards

Adjunct Professor, AHERF, 2019

Chennai

88. Dr AR Gayathri

Respiratory Medicine, Apollo Hospitals, Chennai

Publications

Anil Kumar Gandham, AR Gayathri, L Sundararajan, Pulmonary amyloidosis: A case series, NCBI Lung India, Vol. 36: Issue 3: Page 229-232, May-June 2019

89. Dr Anand Murugesan

Pain Medicine and Interventional Pain Management, Apollo Hospitals, Chennai

Lectures

Speaker, Ultrasound teaching in European Pain forum, Tignes, France, January 2019

90. Dr Anil

Molecular Laboratory, Apollo Hospitals, Chennai

Lectures

Lecture, Clinical NGS for Pathologists, Mahatma Gandhi Medical College, Pondicherry, 16th November 2019

91. Dr Arshad Akeel

Internal Medicine, Apollo Hospitals, Chennai

Publications

Dr Arshad Akeel, Dr N Sadiya, Wegener's Granulomatosis - A Case Report, Indian Journal of Applied Research, Vol. 9: Issue 8, August 2019

Dr. C. Arshad Akeel, Dr. Meeranghani Mohammad Yusuf, Dr. Padmanabhan, Histoplasma capsulatum of the Aortic valve - Report of a case with review of literature, Indian Journal Of Applied Research, Vol. 9: Issue 5: Page 28-29, May 2019

Dr C Arshad Akeel, Dr N Sadiya, Melioidosis presenting as Orbital cellulitis with Retro orbital abscess - Report of a case with review of literature, Indian Journal Of Applied Research, Vol. 9: Issue 6: Page 21- 22, June 2019

Dr C Arshad Akeel, Dr K Padmanabhan, An Unusual Presentation of Myasthenia Gravis, Indian Journal of Applied Research, Vol. 9: Issue 8: Page 62-63, August 2019

Professional Societies' Positions

Member, American Diabetic Association, since March 2019

Member, American College of Cardiology, since 2015

Awards

Honorary Adjunct Title of Associate Professor, AHERF, 2019

92. Dr Bharath Kumar Tirupakuzhi Vijayaraghavan

Critical Care Medicine, Apollo Hospitals, Chennai

Books Published

Editor - X. Willaert, Bharath Kumar Tirupakuzhi Vijayaraghavan, B. H. Cuthbertson, Cost-Effectiveness of Postintensive Care Clinics, Springer, 1st edition, 1st September 2019

Publications

Federico Angriman, Bharath Kumar Tirupakuzhi Vijayaraghavan, Carmen Lopez Soto, Laura Dragoi, Martin Chapman, Damon Scales, Antiepileptic drugs to prevent seizures after spontaneous intracerebral hemorrhage: a systematic review and metaanalysis, Stroke, Vol. 50: Issue 5: Page 1095-1099, May 2019

Hari Naveen, Sooraj Kumar, Ramesh Venkataraman, Nagarajan Ramakrishnan, Bharath Kumar Tirupakuzhi Vijayaraghavan, Incidence and outcomes of delirium in nonintubated critically ill patients: A prospective observational cohort study, Apollo Medicine, Vol. 16: Issue 4: Page 213-215, 2019

Bharath Kumar Tirupakuzhi Vijayaraghavan, Ramakrishnan Nagarajan, Survivorship and QALYty: In pursuit of a mirage?, Ind J Crit Care Med, Vol. 23: Issue 3: Page 111-112, 2019

Bharath Kumar Tirupakuzhi Vijayaraghavan, Ramesh Venkataraman, Ramakrishnan Nagarajan, Critical Care Registries: The Next Big Stride?, Ind J Crit Care Med, Vol. 23: Issue 8: Page 387, 2019

Vijayaraghavan BKT, Willaert X, Cuthbertson BH, Cost-effectiveness analysis should be mandatory in clinical-effectiveness research, CMAJ, Vol. 191: Issue 41: Page E1140, 15th October 2019

Lectures

Organised, Evidence Interpretation and Research Methodology workshop, Indian Society of Critical Care Medicine South Zone annual conference, Vishakapatnam, 16th August 2019

Organised, Applied Statistics and Research Methods for the Clinician, Indian Society of Critical Care Medicine, Chennai, 12th January 2019

Presentations

E- Poster, Improving Mobility in critically ill adults in a Lower-Middle income country: Opportunities and Challenges, Canadian Critical Care Forum meeting, Toronto, November 2019

E- Poster, Implementing an Intensive care registry in India, Canadian Critical Care Forum meeting, Toronto, November 2019

93. Dr Chidambaranathan

Radiology, Apollo Hospitals, Chennai

Presentations

Presentation, RSNA conference, Chicago, USA, 29th November– 7th December 2019

Awards

Sir Jagadeesh Chandra Bose Oration Award, 72nd Annual Conference of Indian Radiological Imaging Association, Chandigarh, 17th – 20th January 2019

94. Dr Ganapathy Krishnan

Neurosurgery, Apollo Hospitals, Chennai

Editorial Boards Membership

Member, Editorial board, Journal of the International Society for Telemedicine and eHealth, since 2019

95. Dr D Rajasekar

Orthopedics, Apollo Hospitals, Chennai

Lectures

Lecture, National Cartilage Society Congress, Mumbai, 1st – 2nd November 2019

96. Dr I Sathyamurthy

Interventional Cardiology, Apollo Hospitals, Chennai

Publications

Jamshed Dalal, Arup Dasbiswas, Immaneni Sathyamurthy, Srinivasa Rao Maddury, Prafulla Kerkar, Sandeep Bansal, Joy Thomas, Sankar Chandra Mandal, Soura Mookerjee, Sivakadaksham Natarajan, Viveka Kumar, Nishith Chandra, Aziz Khan, R. Vijayakumar, J. P. S. Sawhney, Heart rate in hypertension: review and expert opinion, International Journal of Hypertension, Vol. 2019: Article ID 2087064: Page 6, 19th February 2019

Gunasekharan Sengottuvelu, Paul Pandi Vinodh kumar, I Sathyamurthy, Multiple coronary artery aneurysms seen five years after Absorb implantation during routine angiographic and OCT follow-up, Asia Intervention, Vol. 5: Page 132-133, 2019

J C Mohan, U Kaul, CKPonde, S Shetty, P Hazra, A Dasbiswas, BKMahala, PRJJain, I.Satyamurthy, K Pillai, Expert consensus for achieving uniform standards to understand epidemiological trends in the heart rate in patients with heart failure, Indian Heart Journal, Vol. 71: Issue Supplement 1: Page S43, November 2019

97. Dr J K A Jameel

Surgical Gastroenterology, Apollo Hospitals, Chennai

Lectures

Lecture, Advanced laparoscopy in Gastrointestinal Diseases, Madras Medical College and Rajiv Gandhi Government General Hospital, Chennai, 26th October 2019

Talk, IMA, Silchar, Assam, 9th September 2019

98. Dr Jagadeesh Chandrasekaran

General Medicine, Apollo Hospitals, Chennai

Publications

Jagadeesh Chandrasekaran, Jovitha Preethi Gregory, Mathi Manoj Kumar R, P Senthur Nambi, Ram Gopalkrishnan, Aortic Bioprosthetic Valve Infective

Endocarditis due to Burkholderia Cepacia Complex Bactremia in an Immunocompetent Individual with successful treatment – a case report, International Journal of Current Advanced Research, Vol. 8: Issue 1: Page 17135-17137, 2019

Jagadeesh Chandrasekaran, Shobana Paulraj, Mathi Manoj Kumar R, Disseminated Nocardiosis in a Young Female Immuno suppressed for Systemic Lupus Erythematosus with Successful Treatment – A Case Report, International Journal of Medical Science and Innovative Research (IJMSIR), Vol. 4: Issue 2: Page 81-84, March 2019

Jagadeesh Chandrasekaran, Histoplasmosis in an apparently Immunocompetent Host – A perplexing Presentation as Submandibular Oedema, Annals of Medical and Biomedical Sciences, Vol. 5: Issue 1: Page 4-7, August 2019

Professional Societies' Positions

Member, Occupational and environmental health committee, American College of Chest Physicians, since 2019

Examinership

Co-ordinator, Final DNB General Medicine Practical Exam, Chennai, 29th– 31st October 2019

Examiner, Diploma Course, Apollo Medvarsity: Masterclass in Internal Medicine, 1st November 2019

Awards

Honorary Adjunct Title of 'Distinguished Clinical Tutor' in recognition of contribution towards medical education and clinical training, AHERF, 2019

99. Dr Joy Varghese

Neurosurgery, Apollo Hospitals, Chennai

Lectures

Lecture, Management of Complex aneurysms, Neuroendovascular surgery training workshop, Kozhikode, Kerala, 30th – 31st March 2019

100. Dr K C Prakash

Nephrology, Apollo Hospitals, Chennai

Lectures

Talk, SRNMCON conference, Bangalore, 24th August 2019

101. Dr K J Raghunath

General Surgery, Apollo Hospitals, Chennai

Publications

Manoj Kumar RM, Narayanan NK, Raghunath KJ, Rajagopalan S, Composite pheochromocytoma presenting as severe lactic acidosis and back pain: a case report, Indian Journal of Nephrology, Vol. 29: Issue 5: Page 353-356, September-October 2019

102. Dr Kalaivani Ramalingam

Obstetric and Urogynaecology, Apollo Hospitals, Chennai

Publications

Lakshmi Thirumalaikumar, Kalaivani Ramalingam, Tamas Marton, Placental histopathological abnormalities and poor perinatal outcomes, Obstetrics and Gynaecology (TOG), <https://doi.org/10.1111/tog.12555> Vol. 21: Issue 2: Page 135-142, 30th January 2019

103. Dr Kannan Prema

Plastic surgery, Apollo Hospitals, Chennai

Presentations

Poster Presentation, Sacral Pressure Sore- Interdisciplinary Approach to Management, 21st Annual meeting of the European Pressure ulcer advisory Panel, Lyon, France, 16th – 26th September 2019

104. Dr L Sundararajan

Respiratory Medicine, Apollo Hospitals, Chennai

Publications

Anil Kumar Gandham, AR Gayathri, L Sundararajan,

Pulmonary amyloidosis: A case series, NCBI Lung India, Vol. 36: Issue 3: Page 229–232, May-June 2019

105. Dr M R Sivakumar

Neurology, Apollo Hospitals, Chennai

Presentations

Presentation, 5th Congress of European Academy of Neurology, OSLO, Norway, 29th June – 2nd July 2019

Professional Societies' Positions

Member, Classification committee, Recommendations for large vessel vasculitis, European League of Rheumatologists, since 2019

106. Dr M Yusuf

Cardiac Surgery, Apollo Hospitals, Chennai

Lectures

Faculty, Hybrid surgery, IMICS conference, Mumbai, 12th – 13th September 2019

107. Dr Mathi Manoj

General Medicine, Apollo Hospitals, Chennai

Publications

Manoj Kumar RM, Narayanan NK, Raghunath KJ, Rajagopalan S, Composite pheochromocytoma presenting as severe lactic acidosis and back pain: a case report, Indian Journal of Nephrology, Vol. 29: Issue 5: Page 353-356, September-October 2019

108. Dr Murlidhar Rajagopalan

Dermatology, Apollo Hospitals, Chennai

Awards

Lifetime Achievement Award, SAARC Dermatology Conference, Jodhpur, 21st December 2019

109. Dr N K Narayanan

Endocrinology, Apollo Hospitals, Chennai

Publications

Manoj Kumar RM, Narayanan NK, Raghunath KJ, Rajagopalan S, Composite pheochromocytoma presenting as severe lactic acidosis and back pain: a

case report, Indian Journal of Nephrology, Vol. 29: Issue 5: Page 353-356, September-October 2019

110. Dr Prof. Rajendiran Natarajan

Diabetology, Apollo Hospitals, Chennai

Professional Societies' Positions

Secretary, Diabetes Association of India, Southern Chapter (DAISC), since 2009

President, Madras Medical college Diploma in Diabetology Alumni Association, MMC-DDAA, since 2001

Lifetime Member, American Diabetes Association

Lifetime Member, International Diabetes Federation

Lifetime Member, European Association for the Study of Diabetes, (EASD)

Lifetime Member, Diabetic Association of India (DAI), Southern Chapter, Chennai

Lifetime Member, Research Society for the Study of Diabetes in India (RSSDI)

Lifetime Member, Association of Physicians of India (API)

Appraiser, BNB Courses, National Board of Education, New Delhi

Member of task forces of Government of India or State Governments

Member, Paramedical Advisory Forum, Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Government of India

111. Dr Nagarajan Ramakrishnan

Critical Care Medicine, Sleep Medicine, Apollo Hospitals, Chennai

Chapters contributed to text books

Dr Nagarajan Ramakrishnan, Safety and Quality Metrics for ICU Telemedicine: Measuring Success, Chapter 8, Telemedicine in the ICU, Editor- Matthew A

Koenig, 1st edition, Springer, Page 145- 154, 25th April 2019

Dr Nagarajan Ramakrishnan, Intensive Care and Basic Life Support, Textbook of Medicine, Editor- TV Devarajan, 2nd edition, Jaypee Brothers Medical Publishers, Page 41- 61, 2019

Dr Nagarajan Ramakrishnan, Frailty in the ICU: Assessment, Implications and Management, Critical Care Update, Editor- Todi S, Dixit SB, Zirpe K, Mehta Y, Jaypee Brothers Medical Publishers, Page 303- 307, 2019

Publications

Pon Thelac AS, Kakkattu Mana NN, Ramakrishnan N, Medicolegal aspects of Obstructive Sleep Apnea, Indian J Sleep Med, Vol. 14: Issue 3: Page 51-53, 2019

Murugan R, Ostermann M, Peng Z, Kitamura K, Fujitani S, Romagnoli S, Di Lullo L, Srisawat N, Todi S, Ramakrishnan N, Hoste E, Puttarajappa CM, Bagshaw SM, Weisbord S, Palevsky PM, Kellum JA, Bellomo R, Ronco C, Net Ultrafiltration prescription and practice among critically ill patients receiving renal replacement therapy: A multinational survey of critical care practitioners, Crit Care Med, doi: 10.1097/CCM.0000000000004092, 13th November 2019

Naveen H, Kumar S, Venkataraman R, Ramakrishnan N, Tirupakuzhi Vijayaraghavan BK, Incidence and outcomes of delirium in nonintubated critically ill patients: A prospective observational cohort study, Apollo Medicine, Vol. 16: Issue 4: Page 213-215, 2019

Ebenezer R, Princess I, Vadala R, Kumar S, Ramakrishnan N, Krishnan G, Microbiological profile of infections in a tertiary care burns unit, Indian J Crit Care Med, Vol. 23: Issue 9: Page 405-410, 2019

Nileena NK Mana, Lakshmi Ranganathan, Hema Deenadayalan, Nagarajan Ramakrishnan, Sleep Disorders: Do Patients Follow up as Advised?, Indian Sleep Med, Vol. 14: Issue 2: Page 29-31, 2019

Vijayaraghavan BKT, Venkatraman R, Ramakrishnan N,

Critical Care Registries: the next big stride?, Indian J Crit Care Med, Vol. 23: Issue 8: Page 387, August 2019

Bhat MN, Venkataraman R, Ramakrishnan N, Abraham BK, Rajagopalan S, Value of routine sonographic screening of internal jugular vein to detect catheter related thrombosis in intensive care unit, Indian Journal of Critical Care Medicine, Vol. 23: Issue 7: Page 326-328, 2019

Ranganathan L, Menon R, Ramakrishnan N, Venkataraman R, Ramachandran P, Therapeutic Plasma exchange practices in intensive care unit, Indian Journal of Critical Care Medicine, Vol. 23: Issue 7: Page 336-338, 2019

Vadala R, Deenadayalan H, Ranganathan L, Ramakrishnan N, Appropriate BMI Criteria for Indian Population: Does It Help Stratify Obstructive Sleep Apnea (OSA) Patients Better?, Sleep and Vigilance, Vol. 3, Page 139-142, 27th June 2019

Bharath Kumar, Tirupakuzhi Vijayaragavan, Nagarajan Ramakrishnan, Survivorship and (QALY)ty: In Pursuit of a Mirage?, Indian J Crit Care Med, Vol. 23: Issue 3: Page 111-112, March 2019

Meghena Mathew, Nagarajan Ramakrishnan, Ashwin K Mani, Chronic respiratory failure from bilateral vocal cord palsy, Journal of Anaesthesia and Critical Care Case Reports, Vol. 5: Issue 1: Page 9-10, January-April 2019

Kashyap R, Saini C, Vashistha K, Dutt T, Raman D, Bansal V.N. Ramakrishnan, 109: Indian ICU Needs Assessment Survey-1, Crit Care Med, Vol. 47: Issue 1: Page 37, January 2019

Orations

Nutrition therapy in Critical Care: Food for thought, South Zone Critical Care Oration, August 2019

Lectures

Fatigue in Neuropsychiatric disorders: Relationship to Sleep, National Sleep Medicine Course (NSMC), India Sleep, Chennai, September 2019

Nutrition Therapy in Critical Care: Food for thought, South Zone Critical Care Conference, Visakhapatnam, August 2019

Economics of Critical Care, Apollo Advanced Critical Care Conference, Chennai, August 2019

Underfeeding and Overfeeding in ICU, Annual Conference of Indian Society of Parenteral and Enteral Nutrition, Chennai, July 2019

Medicolegal Aspects of Obstructive Sleep Apnea, SLEEPCON, New Delhi, April 2019

Western Guidelines should be used in India. PRO-CON Debate, Criticare, Mumbai, February 2019

Panelist, Nutrition in GI Diseases, Clinical Nutrition Excellence Academy, 2019

Presentations

Advisor, Scientific Committee, South Zone Critical Care Conference, Visakhapatnam, 2019

Poster presentation, Implementation of an intensive care registry in India (IRIS): Barriers and Opportunities, Canadian critical care forum, Toronto, 10th - 13th November 2019

Poster presentation, Obstructive Sleep Apnea (OSA) And Floppy Eyelid Syndrome: Eye Opener, World Sleep, Vancouver, Canada, 20th - 25th September 2019

Poster Presentation, Sleep patterns and Distractors in College students, World Sleep, Vancouver, Canada, 20th - 25th September 2019

Oral presentation, H1N1 Pneumonia: Epidemiology and Outcomes, South Zone Critical Care Conference, Visakhapatnam, 2019

Poster presentation, Certification renewal rates among participants of Life Support courses, Criticare Mumbai, 1st-3rd February 2019

Oral Presentation, Incidence of Delirium in Non-

Intubated Critically Ill Patients, Criticare, Mumbai, 1st-3rd February 2019

Editorial Boards Membership

Editor, Indian Journal of Sleep Medicine, since 2010

Associate Editor, Apollo Medicine Journal, since 2015

Scientific Reviewer, Journal of Intensive Care Medicine

Scientific Reviewer, National Medical Journal of India

Scientific Reviewer, Indian Journal of Critical Care Medicine, since 2004

Scientific Reviewer, Indian Journal of Anaesthesiology, since 2014

Scientific Reviewer, Sleep and Vigilance

Professional Societies' Positions

Member, Research Committee, Indian society of Critical Care Medicine, since 2017

National Advisory Committee, Indian Sleep Disorders Association, since 2010

Life Member, American Medical Association

Charter Member, National Association of Inpatient Physicians

Member, European Society of Parenteral and Enteral Nutrition

Life Member, Indian Medical Association

Life Member, Indian Sleep Disorders Association

Member, Indian Association of Enteral and Parenteral Nutrition

Member, Telemedicine Society of India

Member, Madras Management Association

Charter Member, The Indus Entrepreneurs (TiE) Chennai

Advisor, Scientific Committee South Zone Critical care conference, Visakhapatnam, since 2019

Examinership

Examiner, Diploma in Sleep Medicine (DSM) course accredited by Indian Sleep Disorders Association (ISDA), 2019

Examiner, Indian Diploma and Fellowship in Critical Care Medicine, 2019

Examiner, National Board of Examiners, India, 2019

Examiner, Post Doctoral Fellowship in Sleep Medicine, Tamil Nadu Dr. MGR Medical University, 2019

Member of task forces of Government of India or State Governments

Member, Task force for developing guidelines on quality in critical care, Indian Society of Critical Care Medicine

Member, Task force for developing guidelines to prevent catheter related blood stream infections, Indian Society of Critical Care Medicine

Member, Task force for developing guidelines to define the function, roles & responsibilities of consultant intensivists, Indian Society of Critical Care Medicine

Member, Task force for developing guidelines for use of Non-invasive ventilation, Indian Society of Critical Care Medicine

Member, Task force for developing guidelines for infection control in Indian ICUs

Awards

South Zone Critical Care Oration Award, August 2019

Distinguished Activity Award, World Sleep Society, September 2019

112. Dr Narasimhan

Respiratory Medicine, Apollo Hospitals, Chennai

Professional Societies' Positions

Member, National Committee for laying guidelines for cryo biopsy of the lung and bronchial thermoplasty, since 2019

Awards

Best inspiring Pulmonologist of India Award, Economic Times Group in Delhi, 29th June 2019

113. Dr Prakash Selvam

Orthopaedics, Apollo Hospitals, Chennai

Presentations

Presentation, Hip Dislocation in Total Hip Replacement, the Cochin International Orthopedic summit, Kochi, 5th – 6th October 2019

114. Dr Premkumar Balachandran

Minimal Access, Bariatric and Robotic Surgery, Apollo Hospitals, Chennai

Publications

Vishwanath, Rajkumar Palaniappan, Balachandran Premkumar, Comparison of short-term outcomes between single incision laparoscopic cholecystectomy and conventional 4-port laparoscopic cholecystectomy, International Surgery Journal, Vol. 6: Issue 3: Page 812-817, March 2019

Lectures

Lecture, Thoracoscopic oesophagectomy, SURGICON, Global Hospital, Chennai, 1st-2nd November 2019

Editorial Boards Membership

Frontiers in visceral surgery, since 2014

Member, World journal of laparoscopic surgery, since 2010

Professional Societies' Positions

Vice president, International College of robotic

surgeons, since 2014

Awards

Fellowship, Royal College of surgeons of Glasgow, 31st October 2019

115. Dr Rajagopalan Seshadri

Nephrology, Apollo Hospitals, Chennai

Publications

Manoj Kumar RM, Narayanan NK, Raghunath KJ, Rajagopalan S, Composite pheochromocytoma presenting as severe lactic acidosis and back pain: a case report, Indian Journal of Nephrology, Vol. 29: Issue 5: Page 353-356, September-October 2019

116. Dr Rema Menon

Transfusion, Apollo Hospitals, Chennai

Lectures

Lecture, MAHA AMSCON, Nagpur, 19th September 2019

Lecture, NIMACON 2019 at Nagpur, 19th September 2019

Professional Societies' Positions

Member, Ethics committee of SRM MCH and RC, Kancheepuram, since 2019

117. Dr S. Ganapathy Krishnan

Plastic and Reconstructive Surgery, Apollo Hospitals, Chennai

Lectures

Lecture, 12th Asia Pacific Burn Congress being, Singapore, 14th – 17th August 2019

118. Dr Sengottuvelu

Cardiology, Apollo Hospitals, Chennai

Awards

Awarded by the Tamil Nadu Government for his excellent medical service and contributions in the field

of healthcare, 22nd August 2019

Distinguished Researcher Award, February 2019

119. Dr Sridhar

Respiratory Medicine, Apollo Hospitals, Chennai

Awards

Second APT Gold Medal Exam, Association of Pulmonologists of Tamil Nadu, 2019

120. Dr T G Balachander

Surgical Gastroenterology, Apollo Hospitals, Chennai

Professional Societies' Positions

Member, Association of Surgeons of India (ASI)

Member, Indian Society of Gastroenterology

Member, Indian Association of Surgical Gastroenterology

Member, Indian Association of Gastrointestinal Endo-Surgeons (IAGES)

Member, Association of Minimal Access Surgeons of India (AMASI)

Member, The Royal College of Surgeons of Edinburgh (RCSED)

Member, National Board of Examination, New Delhi

Treasurer, Tamil Naidu Surgical Gastro Enterologists Alumni Association, since 2010

Awards

Citation and Cash Award, Books Published, 2019

121. Dr Thirunarayanan

Microbiology, Apollo Hospitals, Chennai

Lectures

Lecture, QIAGEN, Sample to Insight Symposium, Bangkok, Thailand, 31st July – 1st August 2019

Presentations

Poster presentation, Tackling the Colistin susceptibility

testing dilemma, development of a screening agar for categorisation of colistin resistance for the session Diverse methodologies for MIC testing in Gram Negatives, 29th European congress of clinical microbiology and infectious diseases, Amsterdam, Netherlands, 13th -16th April 2019

122. Dr U Meenakshi Sundaram

Neurology, Apollo Hospitals, Chennai

Orations

Parkinson's Disease – Past, Present and Future, First Stan Neuro Oration, Stanley Medical College, Chennai, 7th January 2019

Awards

First Stan Neuro Gold Medal Oration Award, Contribution to the field of Neurology, January 2019

123. Dr Venkatesh Munikrishnan

Colorectal surgery, Apollo Hospitals, Chennai

Lectures

Keynote speaker, Apollo's new cost efficient robotic surgery technique developed at Apollo for Colorectal cancer, University College London Hospital, CRS19 Symposium, London, December 2019

124. Dr Venkatakarthikeyan

ENT, Apollo Hospitals, Chennai

Lectures

Faculty, 4th Congress of International guild of Robotic and Endoscopic Head and Neck Surgery, 4th – 6th October 2019

125. Dr Vijayachandra Reddy

Cardiology, Apollo Hospitals, Chennai

Presentations

Live case, Complex angioplasty, Sinergy Conference, Preliminary Scientific Programme, Belgrade, 13th

September 2019

126. Dr Yamunadevi

Infectious Disease, Apollo Hospitals, Chennai

Lectures

Estimating incremental cost of treating AMR infections in India (EIC-AMR study), National Aids Research Institute, ICMR, Pune, 21st – 22nd August 2019

Lecture, Roadmap towards Healthy Lifestyle, 4th edition of the CII IWN Holistic Health Conference, Puducherry, 13th June 2019

DRDO

127. Dr Fariya Rasheed

Dermatology, Apollo Hospitals, DRDO, Hyderabad

Professional Societies' Positions

Member, Indian Academy of Dermatologist, Venereologist and Leprologist

Delhi

128. Dr Abhishek Vaish

Orthopedics, Indraprastha Apollo Hospitals, New Delhi

Chapters contributed to text books

Dr Abhishek Vaish, Stem Cell Therapy in Orthopaedics, Chapter 25, Textbook- General principles of Orthopaedics and Trauma, Editor- Iyer, K. Mohan, Khan, Wasim S, 2nd edition, Springer, Pages 575-582, 7th May 2019

Dr Abhishek Vaish, 3D printing: clinical applications in orthopaedics and traumatology, Chapter 26, Textbook- General principles of Orthopaedics and Trauma, Editor- Iyer, K. Mohan, Khan, Wasim S, 2nd edition, Springer, Page 583-590, 7th May 2019

Dr Abhishek Vaish, Mc Murray's osteotomy: A

forgotten procedure of the hip, Chapter 19, Textbook- Hip Preservation Techniques, Editor- K Mohan Iyer, 1st edition, CRC Press, Page 125-129, 15th April 2019

Dr Abhishek Vaish, Pauwel's osteotomy of the hip, Chapter 20, Textbook- Hip Preservation Techniques, Editor- K Mohan Iyer, 1st edition, CRC Press, Page 131-135, 15th April 2019

Publications

Abhishek Vaish, Abhishek Mishra, Tarun Verma, Riya Vaish, Raju Vaishya, Lalit Mainia, Virtual preoperative planning and 3D printing are valuable for the management of complex orthopaedic trauma, Chinese Journal of Traumatology, Vol. 22: Issue 6: Pages 350-355, December 2019

Abhishek Vaish, Raju Vaishya, Celestine O Maduka, Amit Kumar Agarwal, Vipul Vijay, Heterotopic Ossification of Tendo Achilles: An Uncommon Clinical Entity, J Orthop Case Rep, Vol. 9: Issue 2: Page 45-47, 2019

R Vaishya, A Goel, A K Agarwal, Heterotopic Ossification Circumferentia Articularis A Vaish (HOCA) of Hip Joint: A Case Series and Review of the Literature, J Bone & Soft Tissue Tumors, Vol. 5: Issue 2: Page 8-10, May – August 2019

Abhishek Vaish, Seyawash Fooladi, Yash Nigam, Raju Vaishya, Joint preservation in a middle-aged man with knee osteoarthritis, using novel techniques, Apollo Medicine, Vol. 16: Issue 2: Page 124-127, 2019

Abhishek Vaish, Raju Vaishya, Mohit Kumar Patralekh, The Upsurge in Research and Publication on Articular Cartilage Repair in the Last 10 Years, Indian J Orthop, Vol. 53: Issue 5: Page 586-594, September- October 2019

129. Dr Akhil Mishra

Nephrology, Indraprastha Apollo Hospitals, New Delhi

Awards

Arogya Ratna Award, Arogya Darpan National Health Magazine, 28th July 2019

130. Dr Anupam Sibal

Pediatric Gastroenterologist and Hepatologist, Indraprastha Apollo Hospitals, New Delhi

Publications

Butta H, Sardana R, Mendiratta L, Sibal A, Gupta V, Chawla R, Jafri AA, Time to Detection of Yeast Isolates in Pediatric and Adult Patients with Fungemia and its Relevance to Clinical Profile and Outcome, Indian Journal of Crit Care Med, Vol. 23: Issue 1: Page 27-30, January 2019

Nagral A, Sarma MS, Matthai J, Kukkle PL, Devarbhavi H, Sinha S, Alam S, Bavdekar A, Dhiman RK, Eapen CE, Goyal V, Mohan N, Kandadai RM, Sathiyasekaran M, Poddar U, Sibal A, Sankaranarayanan S, Srivastava A, Thapa BR, Wadia PM, Yachha SK, Dhawan A, Wilson's Disease: Clinical Practice Guidelines of the Indian National Association for Study of the Liver, the Indian Society of Pediatric Gastroenterology, Hepatology and Nutrition, and the Movement Disorders Society of India, J Clin Exp Hepatol, Vol. 9: Issue 1: Page 74-98 January – February 2019

Orations

Evolution of Treatment of Liver Failure and 20 years of Pediatric Liver Transplantation in India, The Hon. Surg. Cmde Late Shantilal C. Sheth Oration, the PEDICON 2019, Mumbai, 8th February 2019

Lectures

Finding the Leader Within, 2nd International Patient Experience Symposium, Abu Dhabi, 16th – 19th November 2019

Investing on people for increased efficiency and outcomes, IHF World Hospital Congress, Oman, 6th-9th November 2019

Transforming Healthcare, Clinical Performance Outcome, KPJ Healthcare Conference, Berhad, Selangor, Malaysia, 11th-12th October 2019

How to develop leaders from within the organization to ensure succession, Hospital Management Asia

(HMA), Hanoi, Vietnam, 10th– 13th September 2019

Proud to be Indian, American Association of Physicians of Indian Origin, Atlanta, USA, July 2019

Proud to be Indian, Mid-Year Forum Global Association of Physicians of Indian Origin (GAPIO), Barbados and Trinidad, USA, 4th– 5th May 2019

Transforming Healthcare- The Apollo Odyssey, 10th Korea Healthcare Congress 2019 (KHC), Seoul, Korea, 2nd – 6th April 2019

Quality in Healthcare, IFC Global Private Healthcare Conference, Miami, Florida, USA, 27th– 28th January 2019

Finding the Leader Within, Clairvoyance 2019, TISS, Mumbai, 6th-7th December 2019

Let's Talk Safety, Apollo VIII Patient Safety Conference, Hyderabad, 13th– 14th September 2019

Professional Societies' Positions

Vice President, Global Association of Physicians of Indian Origin (GAPIO), since January 2017

Member, Asian Pan Pacific Society of Pediatric Gastroenterology Hepatology and Nutrition, Executive Council, since 2005

Honorary Clinical Professor, Macquarie University, Sydney, Australia, since 2015

Member, Regional Middle East International Advisory Board of Joint Commission International (JCI), since 2011

Editorial Boards Membership

Executive Editor, Apollo Medicine Journal, since 2016

Member, Editorial Board of Indian Journal of Pediatrics

Awards

DMA Dr. P.N. Behl Foundation Award for outstanding contribution towards medical profession and society in

Delhi, by Delhi Medical Association, 24th March 2019

131. Dr Amit Kumar Agarwal

Orthopaedics, Indraprastha Apollo Hospitals, New Delhi

Chapters contributed to text books

Dr Amit Kumar Agarwal, Total Knee Arthroplasty, Textbook- Knee Osteoarthritis, Chapter 6C, Editor- Dr Raju Vaishya, 1st edition, KWX Communications Pvt. Ltd, Page 175- 185, 2019

Publications

Raju Vaishya, Celestine O Maduka, Amit Kumar Agarwal, Vipul Vijay, Abhishek Vaish, Heterotopic Ossification of Tendo Achilles: An Uncommon Clinical Entity, J Orthop Case Rep, Vol. 9: Issue 2: Page 45-47, 2019

R Vaishya, A Pokhrel, AK Agarwal, V Vijay, Current status of bone cementing and bone grafting for giant cell tumour of bone: a systemic review, Ann R Coll Surg Engl, Vol. 101: Issue 2: Page 79-85, February 2019

Vaishya R, Vijay Vipul, Lama P, Agarwal A, Does vitamin D deficiency influence the incidence and progression of knee osteoarthritis? - A literature review, J Clin Orthop Trauma, Vol. 10: Issue 1: Page 9-15, January - February 2019

Vaishya R, Kandel IS, Agarwal AK, Vijay Vipul, Vaish A, Acharya K, Is early exploration of secondary radial nerve injury in patients with humerus shaft fracture justified?, J Clin Orthop Trauma, Vol. 10: Issue 3: Page 535-540, May-June 2019

Vaishya R, Vijay V, Vaish A, Agarwal AK, Management of loose osteochondritis dissecans in an adolescent, J Clin Orthop Trauma, Vol. 10: Issue 6: Page 1121-1127, 2019

Vaishya R, Esin ARI, Agarwal AK, Vijay Vipul, Bilateral simultaneous anterior cruciate ligament reconstruction: A case series and review of the literature, J Clin Orthop Trauma, Vol. 10: Issue 3: Page

576-580, May-June 2019

Lectures

Faculty, JCOT-IJO Scientific writing course, New Delhi, 17th February 2019

Faculty, Joint Replacement Surgeons Council of India meeting, New Delhi, 25th May 2019

Faculty, Research symposium, ISKSAA, New Delhi, 2019

Editorial Boards Membership

Section editor, Journal of clinical orthopaedics and traumatology (JCOT), since September 2017

Assistant Editor, Indian Journal of Orthopaedics, since 2018

Professional Societies' Positions

Member, National Academy of Medical Sciences (NAMS), since 2010

Life member, North Zone Chapter of Indian Orthopaedic Association, since 2008

Life member, Indian Federation of Sports Medicine, (IFSM), since 2009

Life member, Indian Orthopaedic Association, (IOA), since 2009

Life member, Delhi Orthopaedic Association, (DOA), since 2011

Life member, Indian Arthroscopy Society, (IAS), since 2011

Life member, Indian Cartilage Society, since 2016

Life member, Indian Society for trauma and acute care, since 2008

Awards

Apollo Young Academician Award, 2019

132. Dr Ashish Malik

Anaesthesia, Indraprastha Apollo Hospitals, New Delhi

Publications

Atish Pal, Ashish Malik, Neerav Goyal, Postoperative diabetes insipidus in liver transplantation – A case report, Indian J Anaesth, Vol. 63: Issue 6: Page 497–498, June 2019

Lectures

Speaker, DSE should be done in all liver transplant patients, LTSI MIDCON, Medanta the Medicity, Gurugoen, August 2019

Organizer, Apollo LTHPS Conclave, New Delhi, March 2019

Presentations

Presentation, Intraoperative Reverse Takotsubo cardiomyopathy in liver transplantation – an anesthesiologist's nightmare / Postoperative Diabetes Insipidus in liver transplantation, ILTS, Toronto, 15th – 18th May 2019

Professional Societies' Positions

Governing Council Member, Liver Transplant Society of India (LTSI), since 2018

Member, Indian society of Anesthesiologists, since 2004

Member, Indian Society of Study of Pain, since 2004

Member, Indian Society of Critical Care Medicine, since 2010

Member, ILTS International Society of Liver Transplantation, since 2011

Member, LICAGE (Liver Intensive Care Group of Europe), since 2014

133. Dr Ashok Sarin

Nephrology, Indraprastha Apollo Hospitals, New Delhi

Orations

MICA Antibodies in Renal Transplant, Presidential Oration, Annual Conference of Indian Society of Nephrology, Shimla, September 2019

134. Dr Chander Shekhar

Orthopedics, Indraprastha Apollo Hospitals, New Delhi

Publications

Shekhar C, An innovative technique in local antibiotic delivery method in open infected wounds of the musculoskeletal system, Int J Low Extrem Wounds, Vol. 18: Issue 2: Page 153-160, June 2019

135. Dr Chetan Mehra

Anaesthesiology, Indraprastha Apollo Hospitals, New Delhi

Lectures

Conducted Workshop, USGRA and POCUS: Ultrasound Guided Regional Anaesthesia and Point of Care Ultrasound, FARA and POCUS, Asian Institute of Medical Sciences, Faridabad, 8th–10th November 2019

Faculty, Combined Lumbo-Sacral Plexus Block in a Patient with Decompensated Liver Disease for Bipolar Hip Replacement- A case report, Indian Society of Anaesthesiologists Meet, New Delhi, 24th November 2019

Awards

European Diploma of Regional Anaesthesia (EDRA): (Dublin, Ireland), September 2019

136. Dr (Prof) D K Agarwal

Nephrology, Indraprastha Apollo Hospitals, New Delhi

Publications

Aadil Beigh, Bheem Raj Gupta, Gaurav Sagar, D K Agarwal, The study of clinico-pathological correlation

and treatment outcome in acute allograft rejection in the immediate post renal transplant period, International Journal of Research in Medical Sciences, Vol. 7: Issue 5: Page 1486-1493, May 2019

DK Agarwal, Kairavi Bhardwaj, Renovascular Hypertension: Current Concepts- Clinical Medicine Update, Indian Association of Clinical Medicine, Vol. 22: Page 335- 350, 2019

Editorial Boards Membership

Reviewer, International Journal of AIDS, since November 2019

Reviewer, Journal of Immunology Research and Therapy, since November 2019

Associate Editor, Indian Journal of Nephrology, since 2000

Professional Societies' Positions

Life Member, Association of Physicians of Indian, since 1990

Life Member, Indian Society of Electrocardiology, since 1990

Life Member, Indian Society of Nephrology, since 1991

Life Member, Indian Society of Organ Transplantation, since 1991

Life Member, Hyderabad Transplant forum, since 1994

Life Member, Hypertension Society of India, since 1994

Life Member, Indian Medical Association, since 1997

Examinership

Examiner, Formative assessment in Nephrology, Institute of Liver and Biliary Sciences, New Delhi, 31st January 2019

Examiner, Formative Assessment in Nephrology, Fortis Hospital, Noida, 12th February 2019

137. Dr Hena Butta

Microbiology, Indraprastha Apollo Hospitals, New Delhi

Publications

Sardana R, Vaish A, Merh A, Butta H, Vaishya R, Mendiratta L, Knee and the farm animals: An unusual presentation of *Brucella melitensis* masquerading as tuberculosis, Indian J Med Microbiol, Vol. 37: Issue 1: Page 123-126, January – March 2019

Hena Butta, Suranjit Chatterjee, Leena Mendiratta, Kirti Gilotra, Lata Jadhav, Vijay Rawat, Raman Sardana, Bilateral adrenal histoplasmosis in a diabetic patient: A case report and review of cases in India, Apollo Medicine, Vol. 16: Issue 2: Page 109-113, 2019

Hena Butta, Raman Sardana, Ashmita Grover, Leena Mendiratta, Sudha Kansal, Neerav Goyal, Identification of filamentous Fungi Isolated from Clinical Specimens by MALDITOF Mass Spectrometry in A Tertiary Health Care Centre, Annals of Pathology and Laboratory Medicine, Vol. 6: Issue 1, 2019

Vaishya R, Sardana R, Butta H, Mendiratta L, Laboratory diagnosis of Prosthetic Joint Infections: Current concepts and present status, J Clin Orthop Trauma, Vol. 10: Issue 3: Page 560-565, May – June 2019

Presentations

E- Poster Presentation, Twelve years of Antimicrobial stewardship program in a pediatric oncology unit of a Tertiary care hospital-it shows!, Meghna Krishna Baveja Memorial Award, IAMM Delhi Chapter meet, Delhi, April 2019

E- Poster Presentation, Emerging power of bacteria that grow without oxygen, their distribution and resistance to antimicrobials, IAMM Delhi Chapter meet, April 2019

Oral Paper Presentation, *Aspergillus* isolates in Tertiary health care- Ubiquitous mold to Ubiquitous pathogen of immunosuppressed and immunocompetent patients, National Conference of

Indian Association of Medical Microbiologists, Microcon, Mumbai 28th November 2019

Oral Paper Presentation, Automation in synergy with basic microbiological techniques- A boon for Clinical Anaerobic bacteriology and Antimicrobial stewardship, National Conference of Indian Association of Medical Microbiologists, Microcon, Mumbai 28th November 2019

Editorial Boards Membership

Executive Editor, Journal of Patient Safety and Infection Control, since 2016

Editorial member, Journal of Clinical Orthopaedics and Trauma

Reviewer, Indian Journal of Critical Care Medicine

Reviewer, Journal of Clinical Orthopaedics and Trauma

Reviewer, Journal of Patient Safety and Infection Control

Reviewer, Indian Journal of Orthopaedics

Reviewer, Journal of Medical Academics

Professional Societies' Positions

Member, International Society for Human and Animal Mycology

Member, Indian Association of Medical Microbiologists

Member, Hospital Infection Society- India

Member, Society of Indian Human and Animal Mycologists

Member, Indian Association of Mycoplasmologists

Member, Global Associations of Physicians of Indian Origin

Member, Indian Association of Medical Microbiologists Delhi Chapter, since 2016

Awards

Recognition of Published Papers Award, Indraprastha

Apollo Hospitals, New Delhi, 2019

138. Dr Jayant Kumar Hota

Nephrology, Indraprastha Apollo Hospitals, New Delhi

Publications

Parimal B Patel, Jayant Hota, A case of Paroxysmal Nocturnal Hemoglobinuria with Renal hemosiderosis, Apollo Medicine Journal, Vol. 16: Issue 3: Page 177 – 179, 2019

139. Dr KJ Choudhury

Neuro-Anaesthesia, Indraprastha Apollo Hospitals, New Delhi

Lectures

Chairperson, Neurocriticon 2019, New Delhi, 28th April 2019

Faculty, AIIMS Neruoanaesthesia Neurocritical Care Update 2019, New Delhi, 18th – 20th October 2019

Faculty, India Pain Update 2019, New Delhi, 7th -8th December 2019

Editorial Boards Membership

Inception, Journal of Neuro Anaesthesiology and Critical Care, since 2014

140. Dr Kalpana Nagpal

ENT and Head and Neck Surgery, Indraprastha Apollo Hospitals, New Delhi

Publications

Kalpana Nagpal, Noor UI Din Malik, Nishant Rana, Anil Kumar Sharma, Robotics in ENT and Head and Neck Surgery: Personal Experience in Our Tertiary Care Hospital, Acta Scientific Otolaryngology (ASOL), Vol. 1: Issue 3: Page 22-25, November 2019

Kalpana Nagpal, Noor-UI-Din Malik, Kamal Goyal, Ansari SH, Venus Rawat, Vikas Kashyap, Transoral Robotic Excision of Hemangioma Tongue in Rare Case of Maffucci Syndrome, American Journal of Otolaryngology and Head and Neck Surgery, Vol. 2: Issue 9: Page 1-2, 21st October 2019

Orations

Key Note speaker, Otolaryngology-Ent Surgery, 4th European held in Rome, Italy, 15 August 2019

Lectures

Faculty, Robotic Surgery in Head and Neck, Manipal Hospital, Delhi, 21st July 2019

Faculty, Robotic Surgery in Head and Neck, 4th Congress of International Guild of Endoscopic and Robotic Head and Neck Surgery, IGRhNS, Delhi, 6th October 2019

Faculty, Robotic Surgery in Head and Neck, KMA, Nairobi, Kenya, 15th November 2019

Awareness programme, New Age Treatments, Adileela Foundation, Shastri Bhawan, New Delhi, 16th December 2019

Felicitations and Organizing Committee Member, IMA, Hissar, Haryana, 21st December 2019

Professional Societies' Positions

Member, Robotic Surgery in Head & Neck, Clinical Robotic Surgery Association (CRSA), since 2019

Awards

Proctorship Certificate, DaVinci, U.S.A, September 2019

First, Poster Presentation, 4th European Congress, Rome, 15th August 2019

141. Dr (Prof) Kamal Buckshee

Obstetrics and Gynecology, Indraprastha Apollo Hospitals, New Delhi

Professional Societies' Positions

Member, National Academy of Medical Sciences, since 2018

Patron, AOGD Executive Committee, since 2019

142. Dr N N Khanna

Interventional Cardiology and Vascular Interventions, Indraprastha Apollo Hospitals, New Delhi

Chapters contributed to text books

Dr N N Khanna, Conventional Angio Evaluation of Peripheral Arterial Disease, Section 22, Chapter 105, Advances in Clinical Cardiovascular Imaging Echocardiography & Interventions (ACCI-EI): A Textbook of Cardiology, Editors-in-Chief- HK Chopra, 1st/e Edition, Jaypee Medical Publishers, Page 946 – 952, 2019

Dr N N Khanna, Advanced Image-guided Peripheral Vascular Interventions, Section 22, Chapter 106, Advances in Clinical Cardiovascular Imaging Echocardiography & Interventions (ACCI-EI): A Textbook of Cardiology, Editors-in-Chief- HK Chopra, 1st/e Edition, Jaypee Medical Publishers, Page 953-962, 2019

Dr N N Khanna, Mitraclip in Functional Mitral Regurgitation, Chapter 100, Advances and Innovations in Heart Failure: Textbook of Cardiology, Editors-in-Chief- HK Chopra, 1st Edition Jaypee Medical Publishers, 2019

Dr N N Khanna, Abdominal Aortic Aneurysm: Dangers and Mitigation by Intervention, Advances in Clinical Cardiovascular Imaging, Echocardiography & Intervention: Cardiology update, 1st edition, Mrinal Kanti Das Evangel Publishers, Page 955- 965

Orations

Establishing Endovascular Interventions In India and South East Asia, Dr K S Shadaksharappa Presidential Oration, 26th Annual Conference ICC, 20th-22nd September 2019

Publications

Khanna NN, Jamthikar AD, Gupta D, Piga M, Saba L, Carcassi C, Giannopoulos AA, Nicolaides A, Laird JR, Suri HS, Mavrogeni S, Protogerou AD, Sfrikakis P, Kitis GD, Suri JS, Rheumatoid Arthritis: Atherosclerosis Imaging and Cardiovascular Risk Assessment Using

Machine and Deep learning - Based Tissue Characterization, Current Atherosclerosis Report, Springer Publication, Vol. 21: Issue 2: Page 7, 25th January 2019

Gopal S. Tandel, Mainak Biswas, Omprakash G. Kakde, Ashish Tiwari, Harman S. Suri, Monica Turk, John R. Laird, Christopher K. Asare, Annabel A. Ankrah, N. N. Khanna, B. K. Madhusudhan, Luca Saba, Jasjit S. Suri, Review on a Deep Learning Perspective in Brain Cancer Classification, Cancers (Basel), Vol. 11: Issue 1: Page 111, 18th January 2019

Khanna NN, Jamthikar AD, Gupta D, Araki T, Piga M, Saba L, Carcassi C, Nicolaides A, Laird JR8, Suri HS, Gupta A, Mavrogeni S, Protogerou A, Sfrikakis P, Kitas GD, Suri JS, Effect of carotid image-based phenotypes on cardiovascular risk calculator: AECRS1.0, Med Biol Eng Comput, Vol. 57: Issue 7: Page 1553-1566, July 2019

Cuadrado-Godia E, Jamthikar AD, Gupta D, Khanna NN, Araki T, Maniruzzaman M, Saba L, Nicolaides A, Sharma A, Omerzu T, Suri HS, Gupta A, Mavrogeni S, Turk M, Laird JR, Protogerou A, Sfrikakis P, Kitas GD, Viswanathan V, Suri JS, Ranking of stroke and cardiovascular risk factors for an optimal risk calculator design: Logistic regression approach, Comput Biol Med, Vol. 108: Page 182-195, May 2019

Ankush Jamthikar, Deep Gupta, Narendra N Khanna, Luca Saba, Tadashi Araki, Klaudija Viskovic, Harman S. Suri, Ajay Gupta, Sophie Mavrogeni, Monika Turk, John R. Laird, Gyan Pareek, Martin Miner, Petros P. Sfrikakis, Athanasios Protogerou, George D. Kitas, Vijay Viswanathan, Andrew Nicolaides, Deepak L. Bhatt, Jasjit S. Suri, A low-cost machine learning-based cardiovascular/stroke risk assessment system: integration of conventional factors with image phenotypes, Cardiovasc Diagn Ther, Vol. 9: Issue 5: Page 420-430, October 2019

Jamthikar A, Gupta D, Khanna NN, Araki T, Saba L, Nicolaides A, Sharma A, Omerzu T, Suri HS, Gupta A, Mavrogeni S, Turk M, Laird JR, Protogerou A, Sfrikakis PP, Kitas GD, Viswanathan V, Pareek G, Miner M, Suri JS, A Special Report on Changing Trends in Preventive

Stroke/Cardiovascular Risk Assessment Via B-Mode Ultrasonography, Curr Atheroscler Rep, Vol. 21: Issue 7: Page 25, 1st May 2019

Saba L, Biswas M, Kuppili V, Cuadrado Godia E, Suri HS, Edla DR, Omerzu T, Laird JR, Khanna NN, Mavrogeni S, Protogerou A, Sfrikakis PP, Viswanathan V, Kitas GD, Nicolaides A, Gupta A, Suri JS, The present and future of deep learning in radiology, Eur J Radiol, Vol. 114: Page 14-24, May 2019

Khanna NN, Jamthikar AD, Gupta D, Nicolaides A, Araki T, Saba L, Cuadrado-Godia E, Sharma A, Omerzu T, Suri HS, Gupta A, Mavrogeni S, Turk M, Laird JR, Protogerou A, Sfrikakis PP, Kitas GD, Viswanathan V, Suri JS, Performance evaluation of 10-year ultrasound image-based stroke/cardiovascular (CV) risk calculator by comparing against ten conventional CV risk calculators: A diabetic study, Comput Biol Med, Vol. 105: Page 125-143, February 2019

Khanna NN, Jamthikar AD, Araki T, Gupta D, Piga M, Saba L, Carcassi C, Nicolaides A, Laird JR, Suri HS, Gupta A, Mavrogeni S, Kitas GD, Suri JS, Nonlinear model for the carotid artery disease 10-year risk prediction by fusing conventional cardiovascular factors to carotid ultrasound image phenotypes: A Japanese diabetes cohort study, Echocardiography, Vol. 36: Issue 2: Page 345-361, February 2019

Lectures

Faculty, Inflammatory Disease, 4th Moroccan Meeting of Moroccan Society of Endovascular Specialists, Marrakesh, Morocco, 11th-14th April 2019

Faculty, Tips and Tricks of Endovascular Treatment in Takayasu: Literature Review, 4th Moroccan Meeting of Moroccan Society of Endovascular Specialists, Marrakesh, Morocco, 11th-14th April 2019

Lecture, Mitral Clip and Tricuspid Repair, 4th Moroccan Meeting of Moroccan Society of Endovascular Specialists, Marrakesh, Morocco, 11th-14th April 2019

Faculty, MYLive Conference, Malaysia, 25th - 27th July 2019

Organizer, 11th Asia Pacific Vascular Intervention Course, New Delhi, 28th – 30th June 2019

Lecture, Future and Scope of Sirolimus Coated Balloon in Peripheral Vascular Treatment, Euro PCR, Paris, France, 21st – 24th May 2019

Lecture, Venous Interventions, Euro PCR, Paris, France, 21st – 24th May 2019

Lecture, CX Thoracic Aortic Global Star Presentation: Three-years' follow-up of successful endovascular interventions in Takayasu arteritis involving aorta and aortic arch vessels, Charing Cross Symposium, London, UK, 15th– 18th April 2019

Lecture, Role of MTHFR Mutation in Clinical Manifestation of Acute Massive Bilateral DVT in Young Male, Charing Cross Symposium, London, UK, 15th– 18th April 2019

Lecture, One-year outcome of combine mechanical thrombectomy and catheter-directed thrombolysis for the management acute DVT, Charing Cross Symposium, London, UK, 15th– 18th April 2019

Lecture, Endovascular treatment of deep vein thrombosis following renal transplant, Charing Cross Symposium, London, UK, 15th– 18th April 2019

Lecture, Iliofemoral intervention, 4th TS Conference, Dubai, UAE, 14th – 16th February 2019

Lecture, Challenging Illiac case, 4th TS Conference, Dubai, UAE, 14th – 16th February 2019

Lecture, Challenging Below the knee case, 4th TS Conference, Dubai, UAE, 14th – 16th February 2019

Presentations

Live Case, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Annual Meeting of National Interventional Council - Cardiological Society of India 2019, Lucknow, 5th-7th April 2019

Live Case, Optical Coherence Tomography and Fractional Flow Reserve for treating Bifurcation CTO,

11th Indonesian Society of Interventional Cardiology Annual Meeting, Indonesia Live, 29th November 2019

LIVE Demo: How to Choose Material for a Successful Superficial Femoral Artery Popliteal Artery?, Euro PCR, Paris, France, 21st – 24th May 2019

LIVE Demo: Treatment of Bending Zones in Femoral and Popliteal Arteries, Euro PCR, Paris, France, 21st – 24th May 2019

Editorial Boards Membership

Member, Journal of Endovascular Therapy, since 2017

Member, Asia Interventions, since 2016

Member, Indian Heart Journal, since 2016

Member, Journal of Indian College of Cardiology, since 2016

Member, Hypertension Journal, since 2017

Member, Journal of Cardiovascular Medicine and Surgery, since 2017

Member, Journal of Angiology, since 2017

Guest Editor, Special issue on Peripheral Vascular Disease, Indian Heart Journal, since 2017

Guest Editor, Special Issue on Interventional Cardiology, Indian Heart Journal, since 2017

Guest Editor, Special Supplement of Journal of Indian College of Cardiology, Volume 6, Supplement 1, Peripheral Vascular Interventions, since 2017

Guest Editor, Special Supplement of Journal of India College of Cardiology, Volume 7, Supplement 1, Peripheral Vascular Interventions, since 2017

Professional Societies' Positions

President, International Society of Endovascular Specialist (ISEVS – Indian Chapter), since 2016

Governing Council Member & Chairman, Asia Pacific Vascular Society, since 2009

NBE Assessor, Accreditation for FNB Interventional Cardiology and DNB Cardiology, since 2019

Member of task forces of Government of India or State Governments

Member of Expert Group, Cardiovascular Disease under grant-in-aid scheme of Inter-Sectoral Convergence and Coordination for Promotion and Guidance on Health Research, Ministry of Health and Family Welfare, Government of India, since 2017

Examinership

Examiner, Membership of Royal College of Physicians (UK), 2019

Examiner, Diplomat National Board of Examination (Cardiology), 2019

Examiner, Fellowship of Diplomat National Board of Examination (Interventional Cardiology) 2019

Awards

Dr K S Shadaksharappa Presidential Oration, September 2019

143. Dr N Subramanian

Urology, Indraprastha Apollo Hospitals, New Delhi

Professional Societies' Positions

Chairman, Healthcare Committee of the PHD chamber of Commerce and Industries, since 2019

144. Dr Nikhil Modi

Respiratory, Critical Care and Sleep Medicine, Indraprastha Apollo Hospitals, New Delhi

Professional Societies' Positions

Member, Delhi Medical Council, since 2007

Member, National College of Chest Physicians, since 2009

Member, European Respiratory Society, since 2011

Member, Indian Society of Critical Care Medicine, since 2011

Fellow, American college of Chest Physicians, since 2014

Member, Indian Chest society, since 2019

145. Dr Nitin P Ghonge

Radiology, Indraprastha Apollo Hospitals, New Delhi

Publications

Ghonge N, Vaishya R, Musculoskeletal radiology: A true companion of the orthopaedic surgeons, J Clin Orthop Trauma, Vol. 10: Issue 4: Page 637-638, July-August 2019

Goyal N, Kalra M, Soni A, Baweja P, Ghonghe NP, Multi-modality imaging approach to bone tumors - State-of-the art, J Clin Orthop Trauma, Vol. 10: Issue 4: Page 687-701, July – August 2019

Ghonge NP, Sahu A, Hepato-diaphragmatic fat interposition' and 'increased right hemi-diaphragmatic thickness': new imaging signs for early diagnosis of hepatic cirrhosis on routine CT abdomen, Abdom Radiol (NY), Vol. 45: Issue 1: Page 153-160, 21st September 2019

Nitin P Ghonge, Being a "Clinical Radiologist" "Patient-centric approach" and "problem-solving attitude" in radiology, Indian J Radiol Imaging, Vol. 29: Issue 3: Page 336-337, July – September 2019

Nitin P. Ghonge, Opinion: The rise of the Clinical Radiologist, European Radiology, 6th August 2019

Lectures

Faculty, Transplant Imaging, Dr GS Bathla, UP-IRIA, Agra, June 2019

Lecture, Radiology Residents Film Reading Session, Annual Conference of Maharashtra State Branch of IRIA, February 2019

Faculty, Renal Doppler in Native and Transplant Kidneys, UP State Annual Conference UP-IRIA, Agra,

October 2019

Faculty, Fetal CNS Imaging – Fetal MRI, Kovai Medical Center and Hospital, Coimbatore, November 2019

Faculty, Transplant Imaging: Updates from World class transplant Centre, Annual Conference of Radiological Society of North America, Chicago, December 2019

Faculty, BOLD MR Imaging of Renal Allografts, Annual Conference of Radiological Society of North America, Chicago, December 2019

Faculty, India presents, session, RSNA, Chicago, 1st – 6th December 2019

Presentations

Presentation, MRI of Orbits and Salivary Glands, Annual Conference of Maharashtra State Branch of IRIA, February 2019

Editorial Boards Membership

Guest Editor, Special issue on MSK Imaging; Journal of Clinical Orthopedics and Trauma (JCOT), since July-August 2019

Associate Editor, British Journal of Radiology, since 2018

Associate Editor, Korean Journal of Radiology, since 2018

International Advisor, Srilanka Journal of Radiology [SLJR-online], since 2018

Section Editor, Indian Journal of Radiology and Imaging, since 2018

Section Editor, Apollo Medicine, since 2018

Professional Societies' Positions

Member of Indian Radiological and Imaging Association, since 2011

Member, Radiological Society of North America, since 2003

Member, European Society of Radiology, since 2010

Member, British Institute of Radiology, since 2012

Member, Korean Society of Radiology, since 2014

Member, Indian College of Radiology and Imaging, since 2006

Member, Indian Society of Pre-natal Diagnosis and Therapy, since 2007

Member, Indian Federation of Ultrasound in Medicine and Biology, since 2018

Member, Indian Medical Association, since 2002

Member, Committee for International Radiology Education (CIRE), since 2018

International Liaison, International Relations Committee, IRIA, since 2019

Examinership

Examiner, DNB Final Exams, National Board of Examinations, 2019

146. Dr O P Sharma

Geriatric Medicine, Indraprastha Apollo Hospitals, New Delhi

Books Published

Editor- Dr O P Sharma, Handbook of Geriatric Care, 1st edition, Viva Books, 2019

Publications

OP Sharma, Raju Vaishya, Prevent falls in older adults, Apollo Medicine, Vol. 16: Issue 3: Page 152-156, 2019

147. Dr Pushpendra Nath Renjen

Neurology, Indraprastha Apollo Hospitals, New Delhi

Chapters contributed to text books

Dr Pushpendra Nath Renjen, Headache, A Handbook of Geriatric Care, Editor-Dr O P Sharma, 1st edition,

Viva Book publication, Page 52, 2019

Dr Pushpendra Nath Renjen, Loss of Consciousness, A Handbook of Geriatric Care, Editor-Dr O P Sharma, 1st edition, Viva Book publication, Page 58-59, 2019

Dr Pushpendra Nath Renjen, Giddiness, A Handbook of Geriatric Care, Editor-Dr O P Sharma, 1st edition, Viva Book publication, Page 64-65, 2019

Dr Pushpendra Nath Renjen, Parkinsons disease, A Handbook of Geriatric Care, Editor-Dr O P Sharma, 1st edition, Viva Book publication, Page 264-266, 2019

Publications

Charchit Gupta, Dinesh Chaudhari, Pushpendra Nath Renjen, Anjali Mishra, Shivangi Garg, Rajendra Pradhan, Paraneoplastic limbic encephalitis mimicking acute herpetic encephalitis, Apollo Medicine, Vol. 16: Issue 4: Page 240-243, 2019

Shivangi Garg, Dinesh Chaudhari, Pushpendra Nath Renjen, Kamal Ahmad, Abhas Kumar, Rajendra Pradhan, Anjali Mishra, Cortical venous thrombosis – A case series and review of recent updates, Apollo Medicine, Vol. 16: Issue 4: Page 232-235, 2019

Rajendra Pradhan, Pushpendra N Renjen, Dinesh Chaudhari, Abhas Kumar, Charchit Gupta, Anjali Mishra, Management of Hirayama disease – a case report, International Journal of Scientific Research, Vol. 8: Issue 12: Page 1-3, 2019

Shivangi Garg, Dinesh Chaudhari, Pushpendra Nath Renjen, Anjali Mishra, Abhas Kumar, Rajendra Pradhan, Edaravone: A new hope for patients with amyotrophic lateral sclerosis, Apollo Medicine, Vol. 16: Issue 3: Page 157-160, 2019

Pushpendra Nath Renjen, Dinesh Mohan Chaudhari, Anjali Mishra, Abhas Kumar, Neurological uses of cannabis, Apollo Medicine, Vol. 16: Issue 3: Page 148-151, 2019

Pushpendra N Renjen, Nitin Gupta, Dinesh Chaudhari, Abhas Kumar, Kamal Ahmad, Anjali Mishra, Evaluation

of serum homocysteine level in large vessel and small vessel subtypes of acute ischemic stroke patients admitted in a tertiary care hospital, International Journal of Scientific Research, Vol. 8: Issue 9: Page 1-3, 2019

Dinesh Chaudhari, Pushpendra N Renjen, Anjali Mishra, Abhas Kumar, Atypical variant of motor neuron disease (Vulpius Bernhard/ flail arm) – a case series, International Journal of Scientific Research, Vol. 8: Issue 9: Page 1 – 2, September 2019

Dr Abhas Kumar, Dr Pushpendra N Renjen, Dr. Dinesh Chaudhari, Dr Anjali Mishra, An Intriguing Case of painful external ophthalmoplegia in a woman- Bilateral Tolosa-Hunt Syndrome, International Journal of Scientific Research, Vol. 8, Issue 9, Page 54-55 September – 2019

Rajendra Pradhan, Pushpendra N Renjen, Abhas Kumar, Dinesh Chaudhari, Shivangi Garg, Anjali Mishra, A diagnostic dilemma between polymyositis and dysferlinopathy - 'Diamond on Quadriceps' sign can be a savior Cardio-Embolic Stroke, International Journal of Scientific Research, Vol. 8: Issue 9: Page 33-34, September 2019

Charchit Gupta, Dinesh Chaudhari, Pushpendra N Renjen, Abhas Kumar, Anjali Mishra, Autoimmune encephalitis -when to suspect?, Indian Journal of Applied Research, Vol. 8: Issue 9: Page 1-5, September 2019

Pushpendra N Renjen, Dinesh Chaudhari, Anjali Mishra Abhas Kumar, Monogenic conditions associated with Ischemic Stroke, International Journal of Scientific Research, Vol. 8: Issue 8: Page 1-4, August 2019

Dinesh Chaudhari, Pushpendra N Renjen, Anjali Mishra Abhas Kumar, Treatment perspectives for posterior circulation stroke, International Journal of Scientific Research, Vol. 8: Issue 8: Page 1-2, August 2019

Dinesh Chaudhari, Pushpendra N Renjen, Anoop S Arora, Acute corpus callosum infarct, Neuroimages,

Neurology India, Vol. 67: Issue 3: Page 930-931, 2019

Pushpendra N Renjen, Dinesh Chaudhari, Abhas Kumar, Kamal Ahmad, Air Pollution and Stroke, International Journal of Scientific Research, Vol. 8: Issue 6: Page 71-72, June 2019

Malavika B. G., VSV Prasad, Pushpendra N Renjen, Abhas Kumar, Anjali Mishra, Dinesh Chaudhari, Plasma lactate and base excess levels as predictors of outcome in patients with sepsis and septic shock admitted in pediatric intensive care unit – a prospective observational study and an institutional experience for a tertiary care children's hospital in the private sector, International Journal of Scientific Research, Vol. 8: Issue 4: Page 1-4, April 2019

Pushpendra N Renjen, Dr. Dinesh Chaudhari, Dr Abhas Kumar, Dr Anjali Mishra, Intracranial Histoplasmosis – A Review of Literature, International Journal of Scientific Research, Vol. 8, Issue 4: Page 64-66, April 2019

Abhas Kumar, Pushpendra N Renjen, Dinesh Chaudhari, Melekerson Rosenathal Syndrome - A Clinical Review, International Journal of Scientific Research, Vol. 8: Issue 3: Page 17-18, March 2019

Lectures

Lecture, Prevention of stroke, IMA Dehradun & Senior Citizen Gymkhana Club Dehradun, 30th November 2019

Lecture, Evolution of thrombolytic therapy in acute ischemic stroke management, 2nd Annual Conference of Innovative Physicians Forum, 24th November 2019

Lecture, Extending thrombolysis to 4.5-9 hours and wake up stroke using perfusion imaging, World Stroke Day Conference, New Delhi, 2nd November 2019

Lecture, Atrial cardiopathy – a novel cause acute ischemic stroke, 27th Annual Conference of Indian Academy of Neurology (IANCON 2019), 3rd-6th October 2019

Lecture, Evolution of Ischemic Stroke management,

IMA BHEL, Haridwar, 13th September 2019

Lecture, Management of Acute stroke, IMA, Kashipur, 4th August 2019

Lecture, Evolution of Ischemic Stroke management, IMA Aligarh, 3rd August 2019

Lecture, To determine the frequency of left atrial enlargement in different subtypes of ischemic stroke based on toast classification, European Stroke Conference Organization, Milan, 25th May 2019

Lecture, A prospective observational exploratory investigator initiated study to evaluate the risk factors for acute stroke – a multicenter study, European Stroke Conference Organization, Milan, 25th May 2019

Lecture, Antiphospholipid antibody syndrome presenting as stroke – significance of APPT, European Stroke Conference Organization, Milan, 25th May 2019

Lecture, Parkinson Dementia Overlap, 14th International Conference of Society of Internal Medicine of Nepal, SIMONCON, Kathmandu, 3rd May 2019

Lecture, Management of Intracerebral haemorrhage, New Delhi, NeuroCritiCon, 28th April 2019

Lecture, Parkinson Dementia Overlap / Combination, National Conference on Geriatric Medicine & Gerontology, New Delhi, 20th – 21st April 2019

Lecture, Extension of window period based on MRI findings in acute ischemic stroke, 25th UP-UK Neurocon, Kanpur, 3rd February 2019

Editorial Boards Membership

Member, Cerebrovascular disease, since December 2018

Examinership

Examiner, National Board of Examination, 2019

148. Dr Rajendra Prasad

Neurosurgery, Indraprastha Apollo Hospitals, New Delhi

Awards

Life Time Achievement Award, Delhi Neurological Association (DNA), 3rd February 2019

149. Dr Ramani Narasimhan

Pediatric Orthopaedics, Indraprastha Apollo Hospitals, New Delhi

Lectures

Faculty, Paediatric Hip, Paediatric Orthopaedic CME, The aegis of Paediatric Orthopaedic Foundation (POF), Artemis Hospital, Gurugram, Haryana, 8th October 2019

Guest faculty, Paediatric Orthopaedic CME, Uttaranchal Orthopaedic Association, Almora, 21st – 22nd September 2019

Organised, Early vrs Late Presentations' of various conditions in Paediatric Orthopaedic Surgery, Paediatric Orthopaedic, The aegis of Paediatric Orthopaedic Foundation (POF), New Delhi, 7th July 2019

Faculty, Paediatric Orthopaedic, The aegis of Paediatric Orthopaedic Foundation (POF), New Delhi, 7th April 2019

Editorial Boards Membership

Reviewer, High Impact Journal of Paediatric Orthopaedics- British edition, since 2019

Professional Societies' Positions

President, Paediatric Orthopaedic Society of India (POSI), since 2017

150. Dr Rajesh Taneja

Urology, Andrology and Robotic Surgery, Indraprastha Apollo Hospitals, New Delhi

Books Published

Editor- Dr Rajesh Taneja, Indian Diet for Interstitial Cystitis, Avichal Publishing Company, August 2019

Chapters contributed to text books

Dr Rajesh Taneja, Urinary Incontinence, Handbook of Geriatric Care, Chapter 34, Editor- Dr O P Sharma, 1st edition, Viva Books, Page 188-192, 2019

Dr Rajesh Taneja, Benign Hyperplasia of Prostate, Handbook of Geriatric Care, Chapter 34, Editor- Dr O P Sharma, 1st edition, Viva Books, Page 198- 203, 2019

Publications

Taneja R, Massand S, A modified clinical scoring system for bladder pain syndrome: Long term experience, Int J Urol, Vol. 26:Issue Suppl 1: Page 61-67, June 2019

Rajesh Taneja, Incontinence in geriatric population, Indian Journal of geriatric care, Vol. 8: Issue 1, January – April 2019

Lectures

Lecture, Interstitial Cystitis Bladder Pain Syndrome – A Gynecologists Perspective, Haryana Obstetrics and Gynecology, Annual Conference, Kamal, Haryana, 1st September 2019

Lecture, Bladder Pain Syndrome – The International CME on Female Bladder Dysfunction and Incontinence, Chennai, 26th August 2019

Indian Diet for Interstitial Cystitis, 4th Annual Conference of Global Interstitial Cystitis Bladder Pain Society, Mumbai, 24th -25th August 2019

Key note, Beyond Horizon – A New Clinical Scoring System for IC/BPS, 4th Annual Conference of Global Interstitial Cystitis Bladder Pain Society, Mumbai, 24th -25th August 2019

Chairman, Beyond Horizon, 4th Annual Conference of Global Interstitial Cystitis Bladder Pain Society, Mumbai, 24th -25th August 2019

Debate, Surgical vs Medical Orchidectomy for Prostrate Cancer, Uro- oncology update, New Delhi, 10th -11th August 2019

Expert Panel discussion, Bladder cancer, Urooncology update, New Delhi, 10th – 11th August 2019

Talk, o2wsn, Role of Robotic Surgery in Urology, IMA, Aligarh 3rd August 2019

Chair a session, Ureteric Reconstruction, Mid term CUE Delhi Urology Society, RML Hospital, 30th June 2019

Panel discussion, Newer Techniques, Urocon, Bangalore, 15th – 16th June 2019

Lecture, Urinary incontinence in elderly, Geriatrics Conclave, Annual Meeting of Geriatric Society of India , New Delhi, 20th – 21st April 2019

Talk, Role of Robotic Surgery in Renal Cell Carcinoma, Annual Academic Conclave of Delhi Medical Association, Delhi, 24th March 2019

Conducted, ESSIC education session on Interstitial Cystitis, 5th Annual Conference of Nepal Association of Urological Surgeons, Pokhara, Nepal, 21st – 22nd February 2019

Chaired and moderated, Panel discussion, Uro Oncology Patients is different from western population, Cancer Conclave, Chennai, 25th -27th January 2019

Talk, Robotic is the way for Radial Nephrectomy for Renal Cell Carcinoma, SURS- USI, USICON, Bhubaneshwar, 23rd – 26th January 2019

Presentations

Demonstration, HoLEP, Holmium training class, Sarvodaya Hospital, Faridabad, 21st June 2019

Editorial Boards Membership

Member, British Medical Journal Case reports, since 2014

Member, European Journal of Obstetrics Gynecology and Reproductive Biology, since 2012

Member, Scientific Reports (a UK based medical journal), since 2015

Member, Indian Journal of Urology, since 2008

Reviewer, Indian Journal of Medical Research, since 2014

Professional Societies' Positions

Chairman, Education Committee of ESSIC, (European society for study of Interstitial cystitis), since December 2018

Proctor, Robotic Prostatectomy, DaVinci Robotic systems, Intutive Surgical, since 2018

Member, Chaired the GIBS committee for working guidelines on Interstitial Cystitis / Bladder Pain syndrome, since 2016

Editorial board member, Urogynecology update, since 2016

Member, Executive Council of Delhi Tumor Board

Founder Chairman, Global Interstitial Cystitis Bladder Pain Society

Awards

DUS Tiger Award, Mid term CUE Delhi Urology Society, RML Hospital, 30th June 2019

151. Dr (Prof) Raju Vaishya

Orthopaedics and Joint Replacement Surgery, Indraprastha Apollo Hospitals, New Delhi

Books published

Editor – Dr Raju Vaishya, Knee Osteoarthritis, Clinical Update, 1st Edition, Kontentworx Publisher, 17th June 2019

Editor – Dr Raju Vaishya, Abid Haleem, Lalit Maini, An Update on Medical 3D Printing, Salubris, 9th

November 2019

Chapters contributed to text books

Dr Raju Vaishya, Surgical planning for fractures using 3D Printing, Text Book- An Update on Medical 3D Printing, Editor- Dr Raju Vaishya, Abid Haleem, Lalit Maini, 1st Edition, Salubris, 9th November 2019

Dr Raju Vaishya, Stem Cell Therapy in Orthopaedics, Chapter 25, Textbook- General principles of Orthopaedics and Trauma, Editor- Iyer, K. Mohan, Khan, Wasim S, 2nd edition, Springer, Pages 575-582, 7th May 2019

Dr Raju Vaishya, 3D printing: clinical applications in orthopaedics and traumatology, Chapter 26, Textbook- General principles of Orthopaedics and Trauma, Editor- Iyer, K. Mohan, Khan, Wasim S, 2nd edition, Springer, Page 583-590, 7th May 2019

Dr Raju Vaishya, Mc Murray's osteotomy: A forgotten procedure of the hip, Chapter 19, Textbook- Hip Preservation Techniques, Editor- K Mohan Iyer, 1st edition, CRC Press, Page 125-129, 15th April 2019

Dr Raju Vaishya, Pauwel's osteotomy of the hip, Chapter 20, Textbook- Hip Preservation Techniques, Editor- K Mohan Iyer, 1st edition, CRC Press, Page 131-135, 15th April 2019

Publications

Malhotra R, Vaishya R, Revision Arthroplasty in 2020, J Clin Orthop Trauma, Vol. 11: Issue 1: Page 1, 2019

Vaishya R, Regeneration is better than the replacement, Journal of Clinical Orthopaedics and Trauma Home, Vol. 10: Issue 1: Page 1, January 2019

Vaishya R, Vijay V, Lama P, Agarwal AK, Does Vitamin D deficiency influence the incidence the incidence and progression of knee osteoarthritis? Literature review, J Clin Orthop Trauma, Vol. 10: Issue 1: Page 09-15, January 2019

Vaishya R, Pokhrel A, Agarwal AK, Vijay V, Current status of Bone cementing and Bone grafting for Giant

Cell Tumor of bone: A systematic review, Ann R Coll Surg Engl, Vol. 101: Issue 2: Page 79-85, February 2019

Vaishya R, Vaish A, Letter to editor for foreign body-related extremity trauma in children: A single-center experience, Indian J Orthop, Vol. 53: Issue 1: Page 213, January 2019

Haleem A, Javaid M, Vaish A, Vaishya R, Three dimensional printed poly ethyl ether ketone implants for orthopaedics, Ind J Orthop, Vol. 53: Issue 2: Page 377-379, February 2019

Vaish A, Nepal P, Vaishya R, Spinal decompression and instrumented fusion in an elderly woman: A case report and literature review, Apollo Med, Vol. 16: Issue 1: Page 52-55, 11th March 2019

Vaishya R, Vaish A, Concern regarding access to health care in Jammu and Kashmir (Rapid Response), BMJ, <https://www.bmj.com/content/365/bmj.l4303/rr> Page 365, 19th June 2019

Vaishya R, Vaish A, Singh LK, Baweja P, Management of a pathological fracture in a rare case of Gorham Stout disease of the hip with a mega prosthesis, Journal Orthopedics, Vol. 21: Issue 18: Page 177-180, August 2019

Vaishya R, Hip preservation techniques: A book review, Ind J Orthop, 10.4103/ortho.IJOrtho_399_19, 2019

Vaish A, Kathiriya YD, Vaishya R, A critical review of proximal fibular osteotomy for knee osteoarthritis, Arch Bone Jt Surg, Vol. 7: Issue 5: Page 453-462, September 2019

Misra S, Vaishya R, Maheshwari J, Trikhia V, Clinical guidelines for the management of proximal humeral fractures, J Clin Orthop Trauma, Vol. 10: Issue 3: Page 631-33, 2019

Vaishya R, Middha VP, Legends of Indian Orthopaedics: Prof. Bimalendu Das, Ind J Orthop Vol. 53: Issue 3: Page 486-87, 2019

Abhishek Mishra, Tarun Verma, Abhishek Vaish, Riya Vaish, Raju Vaishya, Lalit Maini, Virtual preoperative planning and 3D printing are valuable for the management of complex orthopaedic trauma, Chinese Journal of Traumatology, Vol. 22: Issue 6: Page 350-355, December 2019

Haleem A, Javaid M, Vaishya R, Khan IH, Virtual reality applications in orthopaedics, J Orthop Spine, Vol. 7: Page 83-84, 2019

Raju Vaishya, Mohit Kumar Patralekh, Abhishek Vaish, The upsurge in research and publication on articular cartilage repair in the last 10 years, Indian J Orthop, Vol. 53: Issue 5: Page 586-594, September- October 2019

Ghonge N, Vaishya R, Musculoskeletal radiology: A true companion of the orthopaedic surgeons, J Clin Orthop Trauma, Vol. 10: Issue 4: Page 637-638, July-August 2019

Abid Haleem, Raju Vaishya, Mohd Javaid, Ibrahim Haleem Khan, Artificial Intelligence (AI) applications in orthopaedics: An innovative technology to embrace, Journal of Clinical Orthopaedics and Trauma, Vol. 11, Issue 1, Page S80-S81, 18th June 2019

Raju Vaishya, Celestine O Maduka, Amit Kumar Agarwal, Vipul Vijay, Abhishek Vaish, Heterotopic ossification of tendo achilles: An uncommon clinical entity, J Orthop Case Rep, Vol. 9: Issue 2: Page 45-47, 2019

R Vaishya, A Goel, A K Agarwal, A Vaish, Heterotopic ossification circumferentia articularis (HOCA) of Hip Joint: A case series and review of the literature, J Bone & Soft Tissue Tumors, Vol. 5: Issue 2: Page 8-10, May – August 2019

Seyawash Fooladi, Abhishek Vaish, Yash Nigam, Raju Vaishya, Joint preservation in a middle-aged man with knee osteoarthritis, using novel techniques, Apollo Medicine, Vol. 16: Issue 2: Page 124-127, 2019

RajuVaishya, Maduka Celestine, Okwuchukwu, Amit KumarAgarwal, VipulVijay, WITHDRAWN: Does

Anterior Cruciate Ligament reconstruction prevent or initiate knee osteoarthritis? -A critical review, Journal of Arthroscopy and Joint Surgery, <https://doi.org/10.1016/j.jajs.2019.04.001>, Vol. 6: Page 133-136, 5th April 2019

Vaishya R, Khandel IK, Agarwal AK, Vijay V, Early exploration of radial nerve with secondary injuries in humeral shaft fractures is not justifiable, J Clin Orthop Trauma, Vol. 10: Issue 3: Page 535-540, 2019

Vaishya R, Butta HR, Sardana R, Mendiratta L, Laboratory diagnosis for Prosthetic Joint Infection: current concepts and present status, J Clin Orthop Trauma, Vol. 10: Issue 3: Page 560-565, 2019

Tiwari A, Vaishya R, Giant cell tumor of bones- An unsolved puzzle, J Clin Orthop Trauma, Vol. 10: Issue 6: Page 1013-1014, November- December 2019

Vaishya R, Vaish A, Letter to the Editor on Advanced Age Is Not a Barrier to Total Knee Arthroplasty: A Detailed Analysis of Outcomes and Complications in an Elderly Cohort Compared With Average Age Total Knee Arthroplasty Patients, The Journal of Arthroplasty, Vol. 34: Issue 12: Page 31-35, 1st December 2019

Vaishya R, Ban on E-cigarettes is a welcome move, but what about other forms of Tobacco! (Rapid Response), BMJ, Vol. 366: Page I5649, 20th September 2019

Vaishya R, Vaish A, Vipul VK, Jammu & Kashmir is returning to normalcy. Rapid Response, BMJ, Vol. 366, doi: <https://doi.org/10.1136/bmj.l5204>, 19th August 2019

Vaishya R, Vaish A, Vipul VK, National Medical Commission Bill may institutionalize quackery in India (Rapid Response), BMJ, doi: <https://doi.org/10.1136/bmj.k5070>, 13th September 2019

Vaishya R, Vaishya P, Vegetarian diets and health, BMJ, Vol. 366: I5272, 11th September 2019

Vaishya R, Vaish A, Indian doctors' leaders demand national law to reduce violence in hospitals (Rapid Response), BMJ, <https://www.bmj.com/content/>

365/bmj.l4303/rr-2, 3rd September 2019

Vaishya R, Vaish A, Indian doctors' leaders demand national law to reduce violence in hospitals (Rapid Response). *BMJ*, Vol. 365:l4303, 20th August 2019

Vaishya R, Vaish A. Re: Association between gifts from pharmaceutical companies to French general practitioners and their drug prescribing patterns in 2016: retrospective study using the French Transparency in Healthcare and National Health Data System databases, *BMJ*, Vol. 367: Page l6613, 21st November 2019

Vaishya R, Vijay V, Vaish A, Agarwal AK, Management of loose osteochondritis dissecans in an adolescent, *J Clin Orthop Trauma*, Vol. 10: Issue 6: Page 1121-1127, 2019

Vaishya R, Thanks Reviewers and Editors of Journal of Clinical Orthopaedics and Trauma, *J Clin Orthop Trauma*, Vol. 10: Issue 6: Page 2-3, 2019

Abhishek Vaish, Raju Vaishya, Lokesh Kumar Singh, Vikas Kashyap, Langerhans cell histiocytosis of a metatarsal bone in an adult female, *BMJ Case Reports*, Vol. 12: Issue 10: Page 231343, October 2019

Vaishya R, Vaish A, Efficacy of antibiotic treatment in patients with chronic low back pain and Modic changes (the AIM study): double blind, randomised, placebo controlled, multicentre trial, *BMJ*, <https://www.bmj.com/content/367/bmj.l5654/rr>, 17th October 2019

Vaishya R, Vaish A, Agarwal S. Efficacy of antibiotic treatment in patients with chronic low back pain and Modic changes (the AIM study): double blind, randomised, placebo controlled, multicentre trial, *BMJ*, <https://www.bmj.com/content/367/bmj.l5654/rr-0>, 19th October 2019

Kambhupati SBS, Vaishya R, Publication trends of PCL in the last 40 years on PubMed, *J Clin Orthop Trauma*, <https://doi.org/10.1016/j.jcot.2019.10.007>, 2019

Vaishya R, Vaish A, Megaprosthesis in distal femur nonunions in elderly patients—experience from

twenty four cases: A Letter to Editor, *Int Orthop (SICOT)*, <https://doi.org/10.1007/s00264-019-04406-x>, 2019

Sardana R, Vaish A, Merh A, Rani H, Vaishya R, Knee and the farm animals - An unusual presentation of *Brucella melitensis* masquerading as Tuberculosis, *Ind J Med Microb Vol. 37: Issue 1: Page 123-126*, 2019

Agarwal P, Vaishya R, Orthoplastic surgery: Need of the hour, *J Clin Orthop Trauma Vol. 10: Issue 5: Page 837-838*, 2019

Srinivas K, Vaishya R, Publication trends of ACL in the last 40 years on Pubmed, *Orthop J Sports Med*, Vol. 7: Issue 7: Page 2325967119856883, 22 July 2019

Haleem A, Mohammad J, Vaishya R, 5D printing and its expected applications in Orthopaedics, *J Clin Orthop Trauma*, Vol. 10: Issue 4: Page 809-810, 2019

Vaishya R, Shoulder trauma update (Editorial), *J Clin Orthop Trauma*, Vol. 10: Issue 3: Page 461, 2019

Chauhan VS, Vaish A, Vaishya R, Reverse Shoulder Arthroplasty after failed megaprosthesis for Osteosarcoma of the proximal humerus: A case report and literature review, *J Clin Orthop Trauma*, Vol. 10: Issue 3: Page 526-530, 2019

Vaishya R, Issa ARE, Agarwal AK, Vijay V, Bilateral simultaneous anterior cruciate ligament reconstruction: A case series and review of the literature, *J Clin Orthop Trauma*, Vol. 10: Issue 3: Page 576-80, 2019

Haleem A, Javid M, Vaishya R, Industry 4.0 and its applications in orthopaedics, *J Clin Orthop Trauma*, Vol. 10: Issue 3: Page 615-616, 2019

Vaishya R, Vijay V, Vaish A, Response to: Is Fixed Distal Femoral cutting angle still justifiable in total knee replacement – Letter to editor *J Clin Orthop Trauma*, Vol. 10: Issue 3: Page 635, 2019

Vaishya R, The rise of shoulder arthroscopy (Editorial), *J Clin Orthop Trauma*, Vol. 10: Issue 2: Page 221, 2019

Sharma OP, Vaishya R, Prevent falls in older adults, Apollo Med, Vol. 16: Page 152-156, 2019

Vaishya R, A handbook of Geriatric Care: Book Review, Apollo Med, Vol. 16: Page 203, 2019

Orations

Balancing clinical practice with research, Past president Oration, 6th Congress of Indian Cartilage society, Mumbai, November 2019

Lectures

Why to publish? 21st Orthopaedics PG course, Maulana Azad Medical College, New Delhi, November 2019

Lecture, 3-D printing for complex fractures and deformity cases, Faculty Development Program, Jamia University, New Delhi, 5th November 2019

Balancing clinical practice with research (Past President Oration), 6th Congress of Indian Cartilage society, Mumbai, November 2019

Balancing clinical practice with research and publication, BIOS annual meeting, Leicester, UK, June 2019

3-D Printing for complex Orthopaedic and Trauma cases, BIOS annual meeting, Leicester, UK, June 2019

Balancing clinical practice and research, 10th OASAC conference, Tashkent, Uzbekistan, May 2019

Simultaneous bilateral TKR in 70 years and older patients, 10th OASAC conference, Tashkent, Uzbekistan, May 2019

How to do good cementing in TKR? 10th OASAC conference, Tashkent, Uzbekistan, May 2019

TKR in Fixed Flexion Deformity, 10th OASAC conference, Tashkent, Uzbekistan, May 2019

Cruciate retaining vs. Cruciate Sacrificing TKR Debate 10th OASAC conference, Tashkent, Uzbekistan, May 2019

Avoiding knee arthroplasty in young patients, viable biological options, 2nd Annual Indian Biologics Orthopaedic Society Conference, Chennai, March 2019

Emergent and Definitive treatments for Knee Osteoarthritis, 61st Annual conference of Delhi Medical Association, New Delhi, March 2019

Balancing clinical practice with research and publication, 3rd Scientific writing course of DOA. New Delhi, February 2019

3-D Printing for complex Orthopaedic and Trauma cases, ROSACON, Udaipur, February 2019

Articular Cartilage Repair for Osteochondral defects of the knee, ROSACON, Udaipur, February 2019

Osteochondral defects of the knee: Current trends in the management, PG Course, MAMC, New Delhi, January 2019

Chairperson, 10th OASAC conference, Tashkent, Uzbekistan, May 2019

Presentations

Paper Presentation, 3D printing for surgical planning, of complex fractures and dislocations, 40th Orthopaedic World Congress of SICOT, Muscat, Oman, December 2019

Paper Presentation, A systematic review of Proximal Fibular Osteotomy for Knee Osteoarthritis, 40th Orthopaedic World Congress of SICOT, Muscat, Oman, December 2019

Paper Presentation, Exponential growth in research and publications on Articular Cartilage Repair, 40th Orthopaedic World Congress of SICOT, Muscat, Oman, December 2019

Paper Presentation, Research and Publications in the Orthopaedic journals from India are growing, 40th Orthopaedic World Congress of SICOT, Muscat, Oman, December 2019

Editorial Boards Membership

Editor-in Chief, Journal of Clinical Orthopaedics and Trauma, since 2019

Editor, Journal of Indian Arthroscopy society, since September 2019

Associate Editor, Indian Journal of Orthopaedics, since 2016

Founder and Editor, Newsletter of Indian Cartilage Society, since 2018

Section Editor, Apollo Medicine, since 2015

Member, Editorial Board, Journal of Indian Arthroscopy society, since 2018

Member, Editorial Board, Indian Journal of Geriatric Care, since 2019

Professional Societies' Positions

President, Indian Cartilage Society, since 2018

Chairman, IT, e-library and Web resource Committee of Indian Orthopaedic Association, since 2018

Editor in Chief and Executive committee member, Delhi Orthopaedic Association, since 2016

Executive committee member, Indian Cartilage Society, since 2019

Secretary, Society for Preventive Orthopaedics and Traumatology, since 2019

Member, Ethics Committee of Indian Orthopaedic Association, since 2019

Founder, Delhi Cartilage Club, since August 2016

Founder President, Arthritis Care Foundation, since 2005

Secretary, Forum of Inculcation of Scientific Temperament (FIRST), since 2013

Awards

Best Reviewer Award, Journal of Orthopaedic Case Reports, 2019

Best Reviewer Award, Journal of Clinical Orthopaedics and Trauma, 2019

Amim Cancer Trust Award, Extraordinary service and dedication to the profession, 14th June 2019

Best Paper Publication Award, Indian Arthroscopy Society, September 2019

Distinguished Clinical Tutor, AHERF, November 2019

Adjunct Professor, AHERF, February 2019

Distinguished Researcher Award, Apollo Hospitals, September 2019

152. Dr Ruquaya Mir

Oncology, Indraprastha Apollo Hospitals, New Delhi

Publications

Mir Ruquaya, Singh Vikram, Malignant Paraganglioma of Neck: A Case Report and Review of Literature, World Journal of Engineering Research and Technology WJERT, Vol. 5: Issue 6: Page 325-334, 2019

153. Dr Sandeep Guleria

Renal Transplant Surgery, Indraprastha Apollo Hospitals, New Delhi

Awards

Padam Shri Award for distinguished service in the field of Medicine, January 2019

154. Dr Smita Malhotra

Pediatric Gastroenterology, Indraprastha Apollo Hospitals, New Delhi

Chapters contributed to text books

Dr Smita Malhotra, Pediatric liver transplantation, Chapter 10.2, IAP recent advances in paediatrics, 1st Edition, Jaypee Publications, Page 282-301, 2019

Publications

Malik I, Kumar K, Hussain H, Bhatia V, Sibal A,

Malhotra S, Celiac disease: What the Indian pediatricians know about the disease, Indian Journal of Gastroenterology, Vol. 38: Issue 3:Page 263-267, May – June 2019

155. Dr Sunit Mediratta

Neurosurgery, Indraprastha Apollo Hospitals, New Delhi

Publications

Sunit Mediratta, Cervicodorsal Intramedullary Ependymoma Presenting with Spontaneous Intratumoral Bleed and Acute Quadriplegia, Journal of Spinal Surgery, Vol. 6: Issue 1: Page 16 – 18, 2019

156. Dr Tarun Sahni

Internal Medicine, Indraprastha Apollo Hospitals, New Delhi

Professional Societies' Positions

Vice President, Asia Pacific Undersea and Hyperbaric Medical Society (APUHMS), since 2019

157. Dr Veena Kalra

Pediatric Neurology, Indraprastha Apollo Hospitals, New Delhi

Orations

Pediatric Neurology: Present and Future, 4th Dr O.P. Ghai Memorial Oration, AIIMS, Delhi, 27th November 2019

158. Dr Vidyut Bhatia

Pediatric Gastroenterology, Indraprastha Apollo Hospitals, New Delhi

Publications

Malik I, Kumar K, Hussain H, Bhatia V, Sibal A, Malhotra S, Celiac disease: What the Indian pediatricians know about the disease, Indian Journal of Gastroenterology, Vol. 38: Issue 3:Page 263-267, May – June 2019

159. Dr Vikram Pratap Singh

Surgical Oncology, Indraprastha Apollo Hospitals, New Delhi

Publications

Mir Ruquaya, Singh Vikram, Malignant Paraganglioma of Neck: A Case Report and Review of Literature, World Journal of Engineering Research and Technology WJERT, Vol. 5: Issue 6: Page 325-334, 2019

160. Dr Vinit Suri

Neurology, Indraprastha Apollo Hospitals, New Delhi

Lectures

President, Indian Stroke Association, XIII Indian National Stroke Conference, Ahmedabad, 15th-17th March 2019

Professional Societies' Positions

President, Indian Stroke Association, Ahmedabad, 15th-17th March 2019

161. Dr Vipul Vijay

Orthopaedics, Indraprastha Apollo Hospitals, New Delhi

Chapters contributed to text books

Dr Vipul Vijay, 3D printing in total knee arthroplasty, An update in medical 3D printing, Kontentworx, 2019

Publications

Vijay V, Letter to the editor on Functional outcome of open distal femoral fractures managed with lateral locking plates, Int Orthop, Vol. 44: Issue 4: Page 809-810, 26th June 2019

Vaishya R, Vijay V, Vaish A, Agarwal AK, Management of loose osteochondritis dissecans in an adolescent, J Clin Orthop Trauma, Vol. 10: Issue 6: Page 1121-1127, 2019

Vaishya R, Maduka CO, Agarwal AK, Vijay Vipul, Vaish

A, Heterotopic ossification of tendo achilles: an uncommon clinical entity, J Orthop Case Rep, Vol. 9: Iseu 2: Page 45-47, 2019

Vaishya R, Esin ARI, Agarwal AK, Vijay Vipul, Bilateral simultaneous anterior cruciate ligament reconstruction: A case series and review of the literature, J Clin Orthop Trauma, Vol. 10: Issue 3: Page 576-580, May-June 2019

Vaishya R, Kandel IS, Agarwal AK, Vijay Vipul, Vaish A, Acharya K, Is early exploration of secondary radial nerve injury in patients with humerus shaft fracture justified?, J Clin Orthop Trauma, Vol. 10: Issue 3: Page 535-540, May-June 2019

Vaishya R, Vijay Vipul, Lama P, Agarwal A, Does vitamin D deficiency influence the incidence and progression of knee osteoarthritis? - A literature review, J Clin Orthop Trauma, Vol. 10: Issue 1: Page 9-15, January – February 2019

Lectures

Guest faculty, Cartilage imaging: state of the art, Delhi Orthopaedic Association Musculoskeletal Meeting (DOA-MSK), February 2019

Editorial Boards Membership

Associate Editor, Journal of Clinical Orthopaedics & Trauma, Pubmed indexed

Associate Editor, Official journal of Delhi orthopaedic Association

Member, Editorial Board, World Journal of Orthopedics, Pubmed indexed journal

Reviewer, The Knee

Reviewer, Journal of Clinical Orthopaedics & Trauma, since 2017

Reviewer, Indian Journal of Orthopaedics

Reviewer, BMJ Musculoskeletal Disorders

Professional Societies' Positions

Member, European Society of Sports Traumatology, Knee Surgery & Arthroscopy

Member, Indian Orthopaedic Association

Member, Delhi Orthopaedic Association

Associate member, Asia Pacific Orthopaedic Association (APOA)

Awards

Fellowship, Australian Orthopaedic Association (AOA-IOA) Travelling, Canberra, Australia, September 2019

Best Case Presentation, Meet the Champions – Stryker, National meet, Bangalore, 2019

Australian Orthopedic Association (AOA- IOA) Traveling Fellowship Award, Canberra, Australia, 2019

Guwahati

162. Dr Shameem Ahmed

Neurosurgery, Apollo Hospitals, Guwahati

Publications

Ahmed S, Paul SP, A Diagnostic Conundrum: Acute Intermittent Porphyria Coexisting with Lumbar Prolapsed Intervertebral Disc, J Coll Physicians Surg Pak, Vol. 29: Issue 12: Page 1236-1237, December 2019

Lectures

Organising Secertory, National NSSI Conference, Guwahati, February, 2019

Organising Secertory, Skull base Society of NE, Guwahati, September 2019

Organising Secertory, National Congress of the Neuromodulation Society of India, Guwahati, November 2019

Editorial Boards Membership

Reviewer, Indian Journal of Neurosurgery, since 2016

Reviewer, Asian Journal of Neurosurgery, since 2015

Professional Societies' Positions

Member, Traumatology Institute, Toronto, Canada,

since 2011

Life Member, Neurological Society of India (NSI), since 2009

Member, Neuro-Trauma Society of India (NTSI), since 2008

Life Member, Indian Society for Trauma & Acute Care (ISTAC), since 2010

Life Member, Indian Society for Stereotactic and Functional Neurosurgery, since 2013

Life Member, Neuromodulation Society of India, since 2019

Life Member, Indian Society of Neuro Oncology, since 2019

Member, AANS/CNS Section on Neurotrauma & Critical Care, since 2009

Member, Society for Advanced Studies in Medical Sciences (MSASMS), since 2001

Executive Member, Guwahati Neuro Society, since 2015

General Secretary of Neuro Fiesta, since 2016

Executive Member, Annual ANEICON conference, Assam, since 2018

Founder, Neuromodulation group of NE India, since 2018

Hyderabad

163. Aditya D Kulkarni

Pathology, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

Vimee Bindra, Frsha Nozer Taraporewalla, Aditya D Kulkarni, Neha Agrawal, Large Solitary Luteinized Follicular Cyst of Pregnancy and Puerperium in Ruptured Ectopic Pregnancy Managed Laparoscopically, Journal of Case Reports in Medicine,

Vol. 8: Issue 1: Page 1-5, February 2019

Professional Societies' Positions

Life Member, IAPM Telangana State Chapter

164. Dr A G K Gokhale

Cardio Thoracic Vascular Surgery, Apollo Hospitals, Jubilee Hills, Hyderabad

Awards

Best NGO Award, Excellent work at Sahrudaya Foundation, Hyderabad, 2019

Honorary Doctorate, Vignan University, 27th July 2019

165. Dr Aftab Ahmed

Diabetology, Apollo Hospitals, Jubilee Hills, Hyderabad

Book Published

Dr Aftab Ahmed, Rehan, Notion Press, 6th June 2019

166. Dr Alok Ranjan

Neurosurgery, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

Rahul Lath, Pankaj Sharma, Rajesh R Sannareddy, Meenakshi Swain, Alok Ranjan, Synchronous Glioma of the Brainstem in a Patient with Recurrent Aggressive Vestibular Schwannoma, Neurology India, Vol. 67: Issue 4: Page 1153-1155, 2019

167. Dr Amitava Ray

Neurosurgery, Apollo Hospitals, Jubilee Hills, Hyderabad

Lectures

Speaker, Society of Neuro-Oncology (SNO) annual meeting, in recognition for the work he has done in the diagnosis of brain tumors using Liquid biopsy, New Orleans, 20th -24th November 2019

168. Dr E C Vinaya Kumar

ENT, Apollo Hospitals, Jubilee Hills, Hyderabad

Awards

Global Healthcare Equality Humanitarian Award,
American Association of Physicians of Indian Origin,
28th December 2019

169. Dr Frsha Nozer Taraporewalla

Obstetrics and Gynecology, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

Vimee Bindra, Frsha Nozer Taraporewalla, Aditya D Kulkarni, Neha Agrawal, Large Solitary Luteinized Follicular Cyst of Pregnancy and Puerperium in Ruptured Ectopic Pregnancy Managed Laparoscopically, Journal of Case Reports in Medicine, Vol. 8: Issue 1: Page 1-5, February 2019

170. Dr Gupta P

Histopathology, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

Gupta P, Gowrishankar S, Swain M, Epidermal growth factor receptor and anaplastic lymphoma kinase mutation in adenocarcinoma lung: Their incidence and correlation with histologic patterns, Indian J Pathol Microbiol, Vol. 62: Issue 1: Page 24-30, January – March 2019

171. Dr K Subba Reddy

Critical Care Medicine, Apollo Hospitals, Jubilee Hills, Hyderabad

Chapters contributed to text books

Dr K Swarna Deepak, ECMO Sepsis, RRT & ECMO in ICU: A Reference book for Practising Intensivists, Chapter 45, Editor- Rajesh Chandra, 1st edition, Jaypee brothers publications, Page 393 – 399, 2019

Publications

Dr Swarna Deepak Kuragayala, Dr Jithendra

Chinnappa, Dr Hima Bala K, Dr Subba Reddy K, Clinical profile and Outcome of patients who had Cardiopulmonary arrest in Non ICU settings – A Retrospective Analysis in a Tertiary care hospital, Journal of medical science and research, Vol. 7: Issue 3: Page 904-906, March 2019

Nikhath Sultana, K Subba Reddy, Munshi I Alam, Intraventricular Bleed Secondary to Intraventricular Antibiotics: A Case Report, Indian J Crit Care Med, Vol. 23: Issue 10: Page 484–485, October 2019

Lectures

Lecture, Technological innovations in patient safety, International Patient safety Congress, Hyderabad, 30th September 2019

Panel discussion on anti fungals, MYCOCON 2019, Hyderabad, 9th – 10th March 2019

Heart lung interaction, Hemodynamic Mechanical Ventilation workshop, Place, Date 2019

New ATLS guide lines, Reflect, January 2019

Bundle care, Critical Care Nursing workshop, 2019

Role of intensivist in Thrombolysis of acute stroke, Masters Stroke program, 2019

Status epilepticus, Acute Neuro Care ISNACC, Haryana, 15th – 17th February 2019

Role of Metabolic resuscitation in Sepsis, South Zone Critical Care Conference, Visakhapatnam, 18th August 2019

Nutrition in Neuro critical care, Clinical Nutrition Congress, Indore, 22nd September 2019

Examinership

Examiner, CTCCM, October 2019

Examiner, IDCCN, September 2019

Examiner, IDCCM, March 2019

Examiner, FNB workshop, 2019

Professional Societies' Positions

Chairperson, Indian society of Critical Care Medicine, Hyderabad Chapter, since 2019

172. Dr K Swarna Deepak

Critical Care Medicine, Apollo Hospitals, Jubilee Hills, Hyderabad

Chapters contributed to text books

Dr K Swarna Deepak, Noninvasive Ventilation in Cardiogenic Pulmonary Edema, ISCCM Manual of Noninvasive Ventilation, Chapter 13, Editors: Subhal Bhalchandra Dixit, 1st edition, Jaypee brothers publications, Page 105-112, 2019

Dr K Swarna Deepak, ECMO Sepsis, RRT & ECMO in ICU: A Reference book for Practising Intensivists, Chapter 45, Editor- Rajesh Chandra, 1ST edition, Jaypee brothers publications, Page 393 – 399, 2019

Publications

Dr. Swarna Deepak Kuragayala, Dr. Sri Ramya Ganti, Dr. Sudeep Sirga, Dr Hima Bala Kommula, Ideal Mean Arterial Pressure Target in Septic Shock: The Hunt Goes On, Saudi Journal of Medicine, Vol. 4: Issue 8: Page 664-667, August 2019

Dr Swarna Deepak Kuragayala, Dr Jithendra Chinnappa, Dr Hima Bala K, Dr Subba Reddy K, Clinical profile and Outcome of patients who had Cardiopulmonary arrest in Non ICU settings – A Retrospective Analysis in a Tertiary care hospital, Journal of medical science and research, Vol. 7: Issue 3: Page 904-906, March 2019

Lectures

Updates in Sepsis, Critical Care Update for Post Graduates, Prathima Institute of Medical Sciences, Karimnagar, 2019

ARDS Case studies with Evidence based Strategies, ISCCM National Webinar, Hyderabad, March 2019

Anti-microbial resistance in India, Present scenario, Updates on Arbekacin, Hyderabad, August 2019

Workshop on Point of care ultrasound, Echocardiography, ISACON South zone conference, August 2019

Advances in blood glucose monitoring in ICU, South Zone Critical Care Conference, Visakhapatnam, 18th August 2019

Fluids and Fluid responsiveness in ICU, CRITIC, Hyderabad, November 2019

Non-Renal indications for RRT, Renal Critical care medicine CME, Star hospitals, Hyderabad, July 2019

Examinerships

Examiner, EPIC International 2019 (Exam Preparation in Intensive Care), Virinchi hospitals, Hyderabad, 10th – 11th August 2019

Examiner, FAT (Formative Assessment Exam) for FNB Critical Care Post graduates, 2019

Examiner, IDCCM preparatory course, Care hospital, Hyderabad, 25th August 2019

Examiner, FNB mock exam, 19th May 2019

Awards

Global Young lecturer awards, European society of intensive care medicine, ESICM Lives, Berlin, 2nd October 2019

Award for Recognition of academic activities, Indian Society of Critical Care Medicine, Hyderabad Chapter, 25th February 2019

173. Dr M Neeraja

Transplant Immunology, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

M. Neeraja, Sreedhar Kesireddy, N Raj Kumar, M Praveen Kumar, P Pullaiah, Ch Raju, HLA Antigens and Haplotype frequencies among renal transplant recipients and donors presenting to a tertiary care hospital in Hyderabad, Telangana, South India,

International Journal of Physiology, Vol. 7: Issue 3:
Page 108- 114, July-September 2019

174. Dr Meenakshi Swain

Pathology, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

Rahul Lath, Pankaj Sharma, Rajesh R Sannareddy, Meenakshi Swain, Alok Ranjan, Synchronous Glioma of the Brainstem in a Patient with Recurrent Aggressive Vestibular Schwannoma, Neurology India, Vol. 67: Issue 4: Page1153-1155, 2019

Gupta P, Gowrishankar S, Swain M, Epidermal growth factor receptor and anaplastic lymphoma kinase mutation in adenocarcinoma lung: Their incidence and correlation with histologic patterns, Indian J Pathol Microbiol, Vol. 62: Issue 1: Page 24-30, January-March 2019

175. Dr Michelle De Padua

Histopathology, Apollo Hospitals, Jubilee hills, Hyderabad

Publications

T Kaur, TK Saha, S Krishnaprasad, M De Padua, S Gowrishankar, Early recurrent primary membranous nephropathy detected in an allograft biopsy, Indian Journal of Nephrology, Vol. 29: Issue1: Page 70-71, 2019

176. Dr Neha Agrawal

Pathology, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

Vimee Bindra, Frsha Nozer Taraporewalla, Aditya D Kulkarni, Neha Agrawal, Large Solitary Luteinized Follicular Cyst of Pregnancy and Puerperium in Ruptured Ectopic Pregnancy Managed Laparoscopically, Journal of Case Reports in Medicine, Vol. 8: Issue 1: Page 1-5, February 2019

177. Dr Nihar Ranjan Pradhan

Vascular Surgery, Apollo Hospitals, Jubilee hills, Hyderabad

Lectures

Faculty, Fellow Course, 11th Asia Pacific Vascular Intervention Course (APVIC – XI), New Delhi, 28th – 30th June 2019

178. Dr Niranjana Panigrahi

Critical Care Medicine, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

Niranjana Panigrahi, Sai Praveen Haranath, Aleem MA, Y Srinivas, Sudeep Sirga, Ramkumar, Sarala K, Cyanide Toxicity!! Colour of Blood Says It All, Indian Journal of Critical Care Medicine, Vol. 23: Issue 3: March 2019

179. Dr P Joshi

Histopathology, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

P Joshi, S Vanajakshi, S Gowrishankar, Urinary sediment profile in proliferative and nonproliferative glomerulonephritis by bright-field and phase-contrast microscopy, Indian Journal of Nephrology, Vol. 29: Issue 2: Page 148, 2019

180. Dr Pankaj Sharma

Neurosurgery, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

Rahul Lath, Pankaj Sharma, Rajesh R Sannareddy, Meenakshi Swain, Alok Ranjan, Synchronous Glioma of the Brainstem in a Patient with Recurrent Aggressive Vestibular Schwannoma, Neurology India, Vol. 67: Issue 4: Page 1153-1155, 2019

181. Dr Pradyut Waghray

Pulmonology, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

Venkateswara Reddy Tummuru, Ramya Reddy

Mallipeddi, ANV Koteswara Rao, Pradyut Waghray, P Sowmya Reddy, Thoracoscopy and Its Role in Evaluating Undiagnosed Pleural Effusions, International Journal of Scientific Study, Vol. 7: Issue 3: Page 19-23, June 2019

Prathibha Reddy Allu, Veena Reddy Vankayala, Ramya Reddy Malipeddi, Pradyut Waghray, Venkateswara Reddy Tummuru, Effect of Pleurodesis with 2% Povidone-Iodine in aTertiary Care Centre, Mahabubnagar, Telangana, International Journal of Scientific Study, Vol. 7: Issue 3: Page 24-27, June 2019

A N V Koteswara Rao, Pranitha Peddakurma, Ramya Reddy Malipeddi, Pradyut Waghray, Venkateswara Reddy Tummuru, Therapeutic Potential of Medical Thoracoscopy in Cases of ChronicPneumothorax: Our Experience in a Tertiary Care Centre, Mahabubnagar, Telangana, International journal of therapeutic applications,Vol. 36, 2019

Dr. Venkateswara Reddy Tummuru, Dr. Sowmya Reddy. P, Dr. Sravya Reddy Madhi, Dr. Pradyut Waghray, A Comparative Study Of Tbna And Endobronchial Biopsy In Cases Of Endobronchial Lesions, International Journal Of Scientific Research, Vol. 8: Issue 6, June 2019

Dr. Venkateswara Reddy Tummuru, Dr. KunalWaghray, Dr.Veena Reddy Vankayala, Dr.PradyutWaghray, Dr.Koteswara Rao, Role Of Thoracoscopy Guided Pleural Biopsy, Pleural Brushing AndFnac (With Tbna Needle If Large Lesions Are Seen) In UndiagnosedExudative Pleural Effusions, International Journal Of Scientific Research, Vol. 8: Issue6: Page 45-47, June 2019

Deepak Talwar, Pradyut Waghray, Agam Vora, S.K. Jindal, V Rajesh, Vivekan Pillai, Soumya Das, Kundan Nivangune, Snehal Muchhala, Rishi Jain, A review on the role of Pidotimod in prevention of acute exacerbations of chronic obstructive pulmonary disease, IP Indian Journal of Immunology and Respiratory Medicine, Vol. 4: Issue 1: Page 15-23, January – March 2019

Sandeep Nayar, Ashfaq Hasan, Pradyut Waghray,

Srinivasan Ramanathan, Jaishid Ahdal, Rishi Jain, Management of community-acquired bacterial pneumonia in adults: Limitations of current antibiotics and future therapies, Lung India, Vol. 36: Issue 6: Page 525-533, 2019

Awards

Fellow, Academy of Medical specialties of Indian medical association, 1st December 2019

Excellence In Research Award, The Eet Crs 7th Faculty Branding Awards, 2019

Honorary Consultant Appointment, Armed forces- ECHS, HQ Telangana and Andhra Sub Area, 23rd August 2019

182. Dr Rahul Lath

Neurosurgery, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

Rahul Lath, Pankaj Sharma, Rajesh R Sannareddy, Meenakshi Swain, Alok Ranjan, Synchronous Glioma of the Brainstem in a Patient with Recurrent Aggressive Vestibular Schwannoma, Neurology India, Vol. 67: Issue 4: Page 1153-1155, 2019

183. Dr Rajat Singhal

Radiology, Apollo Hospitals, Jubilee Hills, Hyderabad

Presentations

Poster, Diabetic Muscle Infarction, IRIA, National Conference,19th January 2019

Poster, Aortic Dissection- A Pictorial, IRIA, National Conference,19th January 2019

184. Dr Rajesh Fogla

Ophthalmology, Apollo Hospitals, Jubilee Hills, Hyderabad

Lectures

Faculty, Corneal Meeting, Zhongshan Ophthalmic Center, Guangzhou, China, 26th – 28th July 2019

185. Dr Rajesh R Sannareddy

Neurosurgery, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

Rahul Lath, Pankaj Sharma, Rajesh R Sannareddy, Meenakshi Swain, Alok Ranjan, Synchronous Glioma of the Brainstem in a Patient with Recurrent Aggressive Vestibular Schwannoma, Neurology India, Vol. 67: Issue 4: Page1153-1155, 2019

186. Dr Raju Kalidindi

Radiology, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

Anna Majkowska, Sid Mittal, David F. Steiner, Joshua J. Reicher, Scott Mayer McKinney, Gavin E. Duggan, Krish Eswaran, Po-Hsuan Cameron Chen, Yun Liu, Sreenivasa Raju Kalidindi, Alexander Ding, Greg S. Corrado, Daniel Tse, Shravya Shetty, Chest Radiograph Interpretation with Deep Learning Models: Assessment with Radiologist-adjudicated Reference Standards and Population-adjusted Evaluation, Radiology, Vol. 294: Page 421–431, 2019

187. Dr Ravikiran Barigala

Infectious Diseases, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

Ramesh V, Narreddy S, Gowrishankar S, Barigala R, Nanda S, A challenging case of pyrexia of unknown origin: adrenal histoplasmosis mimicking tuberculosis in a patient with chronic hepatitis C, Trop Doct, doi: 10.1177/0049475518819622, 2019

Professional Societies' Positions

Member, AIDS Society of India

Member, Clinical Infectious Disease Society

188. Dr Rooma Sinha

Gynecology, Minimal Access and Robotic Surgery, Apollo Hospitals, Jubilee Hills, Hyderabad

Books Published

Editor- Dr Rooma Sinha, Pratibha Devabhaktuni, Rani Reddy Sodumu, Uterine Leiomyoma, 1st edition, Paras Medical Books Pvt Ltd, 3rd August 2019

Chapters contributed to text books

Dr Rooma Sinha, Robot assisted myomectomy, Chapter 10, Uterine Leiomyoma, Editor-Pratibha Devabhaktuni, Rani Reddy Sodumu, Rooma Sinha, 1st edition, Paras Medical Books Pvt Ltd, 3rd August 2019

Dr Rooma Sinha, Laparoscopic Hysterectomy for large uterus- Does volume matter, Chapter 15, Uterine Leiomyoma, Editor-Pratibha Devabhaktuni, Rani Reddy Sodumu, Rooma Sinha, 1st edition, Paras Medical Books Pvt Ltd, 3rd August 2019

Publications

Rooma Sinha, Rupa Bana, Madhumathi Sanjay, Comparison of Robotic and Laparoscopic Hysterectomy for the Large Uterus, Journal of the Society of Laparoendoscopic Surgeons, Vol. 23: Issue 1: Page e2018.00068, January – March 2019

Sinha R, Swarnasree G, Rupa B, Madhumathi S, Laparoscopic hysterectomy for large uteri: Outcomes and techniques, J Minim Access Surg, Vol. 15: Issue 1: Page 8-13, January- March 2019

189. Dr S Krishnaprasad

Histopathology, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

T Kaur, TK Saha, S Krishnaprasad, M De Padua, S Gowrishankar, Early recurrent primary membranous nephropathy detected in an allograft biopsy, Indian Journal of Nephrology, Vol. 29: Issue1: Page 70-71, 2019

190. Dr Sanjay Sinha

Urology and Transplant Surgery, Apollo Hospitals, Jubilee Hills, Hyderabad

Awards

Best Paper Award, International Continence Society

Annual Congress, Gothenburg, Sweden, 3rd- 6th September 2019

191. Dr Sreenivas Kumar Arramraju

Cardiology, Apollo Hospitals, Jubilee Hills, Hyderabad

Books published

Editor - Dr Sreenivas Kumar Arramraju, Mee Gunde Padilama, Cardiology education, 1st Edition, Aalanoor publisher, 8th December 2019

Chapters contributed to text books

Dr Sreenivas Kumar Arramraju, Invasive Haemodynamic Assessment of Coronary Stenosis. Utility and Pitfalls, Cardiology update, Jaypee Publisher, 2019

Publications

Arramraju SK, Koganti S, Janapati R, Emmareddy SK, Mandala GR, The report on the Indian coronary intervention data for the year 2017-National Interventional Council, Indian Heart Journal, Volume 71: Issue 2: Page 146-148, 19th April 2019

Sreeniwas Kumar A, Sinha N, Cardiovascular disease in India: A 360-degree overview, Med J Armed Forces India, Volume 76: Issue 1: Page 1-3, December 2019

Orations

Evolution of Interventional Cardiology and My Interfaces, Dr Raghava Sharma Oration, AP State Cardiology Conference, Andhra Pradesh, August 2019

TAVR and Structural Interventions, Dr A Laxminarayana Orattion, IMA State Conference, July 2019

Lectures

Director and Organiser, TCT India 2019 Conference (India's Premier Interventional Experience), Hyderabad, 25th July 2019

Scientific Chair, CSI- National Interventional

Cardiology Conference, SGPGIMS, Lucknow, April 2019

Organiser FCCC, Facts Cardiovascular Research Foundation Cardiology Clinics, Taj, Yeshwanthpur, Bangaluru, November 2019

Lecture, Hemodynamic Monitoring – FFR uses & Pitfalls, National CSI Conference, New Delhi, 5th – 8th December 2019

Lecture, Bifurcation Stent Techniques, CBS, Nanjing, China, November 2019

Lecture, TAVR – Current Status in India, FCCC, Bengaluru, November 2019

Lecture, Role of OCT in ACS, Indian College of Cardiology, Cochin, September 2019

Lecture, Image guided LM Interventions, SCI, Kolkata, September 2019

Lecture, Heart Failure – Role of ARNI, CSI, Hyderabad, August 2019

Lecture, Role of Combination therapy, Hypertension Summit, Kerala, July 2019

Lecture, Newer Cardiac Drugs and Interventions, Maritius Cardiac Society Meet, Mauritius, July 2019

Lecture, TAVR in India, APVIC Conference, New Delhi, 27th June 2019

Lecture, Radiation safety, IJCTO Conference, Lucknow, May 2019

Lecture, Left Main Interventions, ICCS Conference, London, April 2019

Presentations

Presentation, CSI- National Interventional Cardiology Conference, SGPGIMS Lucknow, April 2019

Live Case Operator, TCT, SFO, USA, 28th September

2019

Live Case Operator, TAVR Live, TCT India, Hyderabad, July 2019

Editorial Boards Membership

Member, Indian Heart Journal

Professional Societies' Positions

Chairman - National Interventional Council of India, since 2017

Founder Director and Organiser, FCCC - Facts Cardiovascular Research Foundation Cardiology Clinics, since 2009

Examinership

Examiner, DNB Cardiology, November 2019

192. Dr Sudhir Kumar

Neurology, Apollo Hospitals, Jubilee Hills, Hyderabad

Awards

Certificate of Excellence, being outstanding reviewer for Neurology, December 2019

193. Dr Suneetha Narreddy

Infectious Diseases, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

Ramesh V, Narreddy S, Gowrishankar S, Barigala R, Nanda S, A challenging case of pyrexia of unknown origin: adrenal histoplasmosis mimicking tuberculosis in a patient with chronic hepatitis C, Trop Doct, doi: 10.1177/0049475518819622, 2019

194. Dr Swarnalata Gowrishankar

Histopathology, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

P Joshi, S Vanajakshi, S Gowrishankar, Urinary

sediment profile in proliferative and nonproliferative glomerulonephritis by bright-field and phase-contrast microscopy, Indian Journal of Nephrology, Vol. 29: Issue 2: Page 148, 2019

Swarnalata Gowrishankar, Yashita Gupta, Mahesha Vankalakunti, Kiran K Gowda, Anila A. Kurien, KS Jansi Prema, NV Seethalekshmy, Jyotsna Yesodharan, Correlation of Oxford MEST-C Scores With Clinical Variables for IgA Nephropathy in South India, Kidney Int Rep, Vol. 4: Issue 10: Page 1485-1490, October 2019

Gupta P, Gowrishankar S, Swain M, Epidermal growth factor receptor and anaplastic lymphoma kinase mutation in adenocarcinoma lung: Their incidence and correlation with histologic patterns, Indian J Pathol Microbiol, Vol. 62: Issue 1: Page 24-30, January-March 2019

T Kaur, TK Saha, S Krishnaprasad, M De Padua, S Gowrishankar, Early recurrent primary membranous nephropathy detected in an allograft biopsy, Indian Journal of Nephrology, Vol. 29: Issue 1: Page 70-71, 2019

Yashita Gupta, Meenakshi Swain, Swarnalata Gowrishankar, Antiglomerular basement membrane disease combined with IgA nephropathy, Indian Journal of Nephrology, Vol. 29: Issue 5: Page 375-377, 2019

Etta PK, Rao MV, Gowrishankar S, Collapsing Glomerulopathy Superimposed on Diabetic Nephropathy, Indian J Nephrol, Vol. 29: Issue 3: Page 207-210, May-June 2019

Etta PK, Rao MV, Thatipamula M, Gowrishankar S, Renal Metastases Masquerading as Glomerulonephritis, Indian J Nephrol, Vol. 29: Issue 4: Page 300-301, July - August 2019

Mittal R, Kaza H, Agarwal S, Rath S, Gowrishankar S, Small cell neuroendocrine carcinoma of the orbit presenting as an orbital abscess in a young female, Saudi J Ophthalmol, Vol. 33: Issue 3: Page 308-311, July- September 2019

Abraham G, Agarwal SK, Gowrishankar S, Vijayan M, Chronic kidney disease of unknown etiology: Hotspots in India and other Asian Countries, Semin Nephrol, Vol. 39: Issue 3: Page 272-277, May 2019

Orations

Lecture, Scripting a biopsy report; The art and the science, Basavatarakam Oration, 1st Annual Conference of the Hyderabad Academy of Pathologists, Hyderabad, 17th – 18th August 2019

Lectures

Talk, Introduction to allograft biopsies, Kidney Disease, Kamineni Institute of Medical Sciences, Hyderabad, 22nd March 2019

Talks on Deposit Disease, IgA nephropathy and Acute rejections, The Kidney Biopsy; An Update, Hinduja Hospital, Mumbai, 23rd – 24th March 2019

Lecture, Narketpally on Molecular Diagnostics, Medical students and faculty, Kamineni Institute of Medical Sciences, Narketpally, 10th May 2019

Talk, What is new in Transplant Pathology, Transplant Update at NIMS, Hyderabad, 2019

Talks, The WHO classification of Renal Neoplasms, Role of IHC in diagnosis and therapeutics in non-small cell lung cancer, Annual CME at JNMC Belgaum, June 2019

Talk on Renal Transplant Pathology, DELITE, Kochi, 27th – 28th July 2019

Talks, Interpretation of Renal biopsy and Glomerular deposition disease, Updates in Renal Pathology, Jullunder, 21st – 22nd September 2019

Talk, Communication in Renal Pathology, Annual conference of the IS RTP, Lucknow, 11th – 13th October 2019

Faculty, Discussant at the CPC, Annual meeting of the San Diego AKI-CRRT programme, San Diego, 16th October 2019

Talk, Digital Pathology in the reporting of radical

prostatectomy, Annual meeting of the Society of Genitourinary Pathology, Hyderabad, 8th–9th November 2019

Editorial Boards Membership

Reviewer, Indian Journal of Nephrology, since 2012

Reviewer, Indian Journal of Pathology and Microbiology, since 2000

Reviewer, Indian Journal of Ophthalmology, since 2016

Professional Societies' Positions

Member, Executive Committee, Indian Society of Renal and Transplant Pathology, since 2015

Founder President, Hyderabad Academy of Pathologists, since 2018

Member, Specialist Board in Pathology of the National Board of Examinations, since 2019

Lead member, Committee to design the PDCC in Renal and Transplant Pathology at the Indian College of Pathology, since 2018

Inspector, Accreditation of DNB (Pathology), since 2018

Elected founder president, Hyderabad Academy of Pathologists, since November 2018

Member, Specialist Board in Pathology of the National Board of Examinations, since April 2019

Member, RPS Preanalytic and Analytic Histology Variation Working Group, since October 2019

Examinership

Chief coordinator and examiner, DNB Practical Final, Apollo Hospitals Hyderabad, April 2019

Awards

Nagalotimath Memorial Award, Excellence in Teaching, Annual National Pathology CME, Belgaum, 11th June 2019

195. Dr T Badrinarayana

Cardiology, Apollo Hospitals, Jubilee Hills, Hyderabad

Awards

Dr APJ Abul Kalam Excellence Award, by Home Minister of Telangana Mohd Mehboob Ali, 23rd October 2019

196. Dr Vanajakshi

Haematology, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

P Joshi, S Vanajakshi, S Gowrishankar, Urinary sediment profile in proliferative and nonproliferative glomerulonephritis by bright-field and phase-contrast microscopy, Indian Journal of Nephrology, Vol. 29: Issue 2: Page 148, 2019

197. Dr Vasanth Kumar

Diabetology, Apollo Hospitals, Jubilee Hills, Hyderabad

Lectures

Talk, Management of Diabetes of hospitalized patients, 47th Annual Meeting of Research Society for the Study of Diabetes in India, RSSDI, Jaipur, 7th - 10th November 2019

Professional Societies' Positions

President Elect, Research Society for the Study of Diabetes in India RSSDI, since 2019

198. Dr Venkat Ramesh

Infectious Diseases, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

Ramesh V, Narreddy S, Gowrishankar S, Barigala R, Nanda S, A challenging case of pyrexia of unknown origin: adrenal histoplasmosis mimicking tuberculosis in a patient with chronic hepatitis C, Trop Doct, doi: 10.1177/0049475518819622, 2019

199. Dr Vijay Anand Reddy

Radiation Oncology, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

Prof C S Pramesh, Harit Chaturvedi, Vijay Anand Reddy, Tapan Saikia, Prof Sushmita Ghoshal, Mrinalini Pandit, Prof K Govind Babu, K V Ganpathy, Dhairyasheel Savant, Gunita Mitera, Prof Richard Sullivan, Prof Christopher M Booth, Choosing Wisely India: ten low-value or harmful practices that should be avoided in cancer care, The Lancet Oncology, Vol. 20: Issue 4, Page E218-E223, 1st April 2019

Presentations

Poster Presentation, Selective Ophthalmic Artery Chemotherapy as Primary treatment in advanced Stages of Retinoblastoma: A Prospective Study, European Society of Radiology, 2019

200. Dr Vijay Kumar C

Pulmonology, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

Raghavendra Rao M.V, Dilip Mathai, Vijay Kumar C, SP Pallavi, Khizer Hussain Junaidy, Yahiya Hussain Junaidy, Badam Aruna Kumari, Mohammed Ismail Nizami, Jithender Kumar Naik S, The Frugal Investigation Of Fungal Candidiasis, International Journal of Current Advanced Research, Vol. 8: Issue 12: Page 20642-20647, December 2019

201. Dr Vijay Dikshit

Cardio Thoracic Vascular Surgery, Apollo Hospitals, Jubilee Hills, Hyderabad

Awards

Excellence in Cardio Thoracic Surgeries Award, Nathan's Learning Forum Leadership in association with IMA, Hyderabad, 2019

202. Dr Vimee Bindra

Obstetrics and Gynecology, Apollo Hospitals, Jubilee Hills, Hyderabad

Chapters contributed to text books

Dr Vimee Bindra, Nine Months Windows of

Opportunity, Chapter 1, FOGSI Focus Adbhut Matrutva, Editor-in-Chief- Jaideep Malhotra, 1st Edition, Jaypee Brothers Medical Publisher, Page 1-15, 2019

Dr Vimee Bindra, Management of Fibroids in Adolescent Girl, Chapter 4, Fibroids, Editors- Narendra Malhotra, Poonam Goyal, 1st edition, Jaypee Brothers Medical Publisher, Page 31 – 35, 2019

Dr Vimee Bindra, Surgical Management of Fibroids, Chapter 11, Fibroids, Editors- Narendra Malhotra, Poonam Goyal, 1st edition, Jaypee Brothers Medical Publisher, Page 79 – 95, 2019

Publications

Vimee Bindra, Frsha Nozer Taraporewalla, Aditya D Kulkarni, Neha Agrawal, Large Solitary Luteinized Follicular Cyst of Pregnancy and Puerperium in Ruptured Ectopic Pregnancy Managed Laparoscopically, Journal of Case Reports in Medicine, Vol. 8: Issue 1: Page 1-5, February 2019

Awards

Fellowship, Indian College of Obstetrics and Gynaecology (FICOG), AICOG, Bengaluru, 11th January 2019

Vaidya Sree award, Mother foundation in association with Megacity Navakala Vedika, 10th March 2019

203. Dr Yashita Gupta

Histopathology, Apollo Hospitals, Jubilee Hills, Hyderabad

Publications

Swarnalata Gowrishankar, Yashita Gupta, Mahesha Vankalakunti, Kiran K Gowda, Anila A. Kurien, KS Jansi Prema, NV Seethalekshmy, Jyotsna Yesodharan, Correlation of Oxford MEST-C Scores With Clinical Variables for IgA Nephropathy in South India, Kidney Int Rep, Vol. 4: Issue 10: Page 1485–1490, October 2019

Yashita Gupta, Meenakshi Swain, Swarnalata Gowrishankar, Antiglomerular basement membrane disease combined with IgA nephropathy, Indian Journal of Nephrology, Vol. 29: Issue 5: Page 375-377, 2019

Indore

204. Dr Akshat Pandey

Rheumatology, Apollo Hospitals, Indore

Publications

Pandey A, Goyal M, Methotrexate: CIRTified for preventing atherosclerotic events?, J R Coll Physicians Edinb, Vol. 49: Issue 2: Page 136-138, June 2019

Akshat Pandey, Mohammed Ali, Siddhant Jain, A rare case of mitral valve replacement in antiphospholipid antibody syndrome, Apollo Medicine, Vol. 16: Issue 3: Page 199-201, 2019

Akshat Pandey, Harmeet Singh Saluja, Arvind Mittal, Impact of obesity on disease activity and other health outcome measures in ankylosing spondylitis, Apollo Medicine, Vol. 16: Issue 4: Page 225-228, 2019

Akshat Pandey, Ved Prakash, Mimansha Pandey, Effect of smoking in patients with ankylosing spondylitis: A cross-sectional study in state of Madhya Pradesh, India, Apollo Medicine, Vol. 16: Issue 2: Page 70-73, 2019

Lectures

Systemic sclerosis, EUSTAR course, Nijmegen, Netherlands, 21st -24th February 2019

Organised, Patient awareness Workshop, Importance of Yoga and exercise for 200 patients of various types of Arthritis and CTDs, Indore, 6th January 2019

Professional Societies' Positions

Hon. Secretary, IMA Madhya Pradesh, since 2019

Member, American College of Rheumatology (ACR), since 2017

Member, British society of Rheumatology (BSR), since 2017

Member, Emerging EULAR Network (EMEUNET), since 2017

Member, Indian Medical association, since 2010

Member, European Lupus Society, since 2017

Member, International Osteoporosis Foundation, since 2017

205. Dr. Kshitij Dubey

CTVS, Apollo Hospitals, Indore

Awards

Dr S K Mukherjee Award, 2019

206. Dr Rakesh Gupta

Neurosurgery, Apollo Hospitals, Indore

Lectures

Talk, Management of Spine Injury, MPASICON, Ujjain, 24th February 2019

207. Dr Sarita Rao

Cardiology, Apollo Hospitals, Indore

Chapters contributed to text books

Dr Sarita Rao, Newer Antiplatelets on the Anvil, How Far Do We Have to Trudge, Chapter 2, CAD Update, Editor- Niteen Deshpande, HM Mardikar, Clinate, Page 13-17, 2019

208. Dr Siddhant Jain

Interventional Cardiologist, Apollo Hospitals, Indore

Awards

Inspiring Cardiologist of India, Economic Times on occasion of Doctor's Day, Delhi, 1st July 2019

209. Dr Vikas Gupta

Cardiac Anesthesiology, Apollo Hospitals, Indore

Lectures

Panelist, Perioperative management of mediastinal mass, National Anaesthesia Conference ISACON, 27th November 2019

Professional Societies' Positions

Executive Member, Indian society of anaesthesiologist MP chapter, since 2018

Hon. Secretary, Indian society of anaesthesiologist Indore chapter, since 2018

Awards

Dr SK Mukherjee Award, 8th September 2019

ISA Proficiency Award, 29th November 2019

Jayanagar

210. Dr Parthasarathy Satishchandra

Neurology, Apollo Hospitals, Bangalore

Publications

Nene D, Mundlamuri RC, Satishchandra P, Prathyusha PV, Nagappa M, Bindu PS, Raghavendra K, Saini J, Bharath RD, Thennarasu K, Taly AB, Sinha S, Comparing the efficacy of sodium valproate and levetiracetam following initial lorazepam in elderly patients with generalized convulsive status epilepticus (GCSE): A prospective randomized controlled pilot study, Seizure, Vol. 65: Page 111-117, February 2019

Bharath RD, Panda R, Raj J, Bhardwaj S, Sinha S, Chaitanya G, Raghavendra K, Mundlamuri RC, Arimappamagan A, Rao MB, Rajeshwaran J, Thennarasu K, Majumdar KK, Satishchandra P, Gandhi TK, Machine learning identifies "rsfMRI epilepsy networks" in temporal lobe epilepsy, Eur Radiol, Vol. 29: Issue 7: Page 3496-3505, July 2019

Netravathi M, Bollampalli HK, Bhat MD, Ganaraja VH, Prasad S, Mahadevan A, Kamble N, Nalini A, Yadav R, Pal PK, Satishchandra P, Clinical, neuroimaging and therapeutic response in AQP4-positive NMO patients

from India, Mult Scler Relat Disord, Vol. 30: Page 85-93, May 2019

Orations

Translational Research in Epilepsy : Indian Perspective, Annual Oration Jagadguru Dr. Sri Shivarathri Rajendra Mahaswamiji, JSS medical College, Mysuru, 12th December 2019

Lectures

Co-Chair, Scientific Committee, 12th Asia Oceania Epilepsy Congress , Bali, Indonesia, Jun-July 2019

Editorial Boards Membership

Reviewer, Epilepsia Journal

Reviewer, Epileptic Disorders

Reviewer, Epilepsy Research

Reviewer, Seizure Journal

Reviewer, Journal of Associations of Physicians of India

Reviewer, Journal of Pediatric Neurology

Reviewer, Journal of Neurology Neurosurgery & Psychiatry (JNNP)

Reviewer, Neurology India

Reviewer, Neurology Asia

Reviewer, Annals of Indian Academy of Neurology

Associate Editor, Neurology India

Associate Editor, Epilepsy Digest

Associate Editor, Annals of Indian Academy of Neurology (AIAN)

Associate Editor, Journal of Neurology Neurosurgery and Psychiatry (JNNP)

Zonal Advisory member, Journal Association

Physicians of India (JAPI)

Professional Societies' Positions

Member, Neurological Society of India

Member, Indian Epilepsy Association

Member, Indian Academy of Neurology

Member, Electroencephalographic Society of India

Member, Associations of Physicians of India

Member, Pan American Society of Neuroepidemiology

Member, International Brain Research Organization, Sweden

Executive Committee Member, Indian Epilepsy Association, (IEA) Bangalore

Member, Special Expert Committee, Department of Health Research, Delhi, since 2012

Member, Indian Council for Cultural Relations (ICCR), New Delhi, since 2012

Member, Scientific Advisory Committee - Partnership Programme established by DBT, New Delhi for "Advance Research in Biological Science & Engineering" at Department of Biological Sciences (DBS), IISc, Bangalore, since 2014

Founder Member, Brain Research Centre, Indian Institute of Science, Bangalore

Member ILAE Genetics Commission, since 2015

Chairman South Asia division of International Bureau for Epilepsy (IBE)

Member of task forces of Government of India or State Governments

Member, Task Force, Indian Council for Medical Research (ICMR)

Member, Scientific Advisory Committee, National Centre for Disease Informatics and Research, National

Cancer Registry Programme, Department of Health Research, Ministry of Health and Family Welfare, Government of India, since 2012

Member "Task force on Integrating Mental Health and Epilepsy in Comprehensive Primary Health Care" constituted by Ministry of Health & Family Welfare, Government of India, since 2018

Member of governing board of MCI / State Medical Council / autonomous medical institutions under Government of India

Member, Selection Committee for the post of Director, Postgraduate Institute of Medical Education and Research, (PGIMER) Chandigarh, since 2010

Member, Institute Body, AIIMS, Bhubaneswar, Orissa, since 2013

Member, Standing Finance Committee, All India Institute of Medical Sciences, Bhubaneswar, since 2013

Chairman, Standing Selection Committee, All India Institute of Medical Sciences, Bhubaneswar, since 2013

Member, Institute Body, Postgraduate Institute of Medical Education and Research, Chandigarh, since 2014

211. Dr Ravindra M Mehta

Respiratory Medicine, Apollo Hospitals, Bangalore

Professional Societies' Positions

Member, Bronchoscopic lung cryobiopsy, An Indian Association for Bronchology, since 2019

212. Dr Satish Nair

Head and Neck Surgery, Apollo Hospitals, Jayanagar

Books published

Editor- Dr Satish Nair, Manual of Clinical Audiology, 16th August 2019

Kakinada

213. Dr Bindu Narmada Gottipati

Neurology, Apollo Hospitals, Kakinada

Publications

Bindu Narmada Gottipati, N V Sundarachary, U Veeramma, G Rama Krishna, B Hanuma srinivas, Ch Praveen, The girl who mistook herself for a boy- A rare case report, IOSR Journal of Dental and Medical sciences, Vol.18: Issue 1: Page 13- 16, 2019

214. Dr Chanumolu Praveen

Neuro Surgery, Apollo Hospitals, Kakinada

Publications

Chanumolu Praveen, K V V Satyanarayana Murthy, B Chandrasekhar, I Babji Syam Kumar, G Penchalaiah and Gottipati Bindu Narmada, A Clinical Study of Single Stage Postero-Lateral Transpedicular Ecompression with Screw Rod Fixation in Traumatic ThoracoLumbar Spinal Injuries, IOSR Journal of Dental and Medical Sciences, Vol. 18: Issue 1: Page 9-35, January 2019

215. Dr Rajesh Dake

Emergency Physician, Apollo Hospitals, Kakinada

Publications

Dr Rajesh Dake, A Case Report on Acute Ischemic Stroke in Young Child, International Journal of Science and Research (IJSR), Vol. 8: Issue 10: Page 1228 – 1230, October 2019

Dr Rajesh Dake, A Study On Competency Mapping Among Nurses At A Tertiary Care Hospital, Kakinada-Andhra Pradesh, Indian Journal Of Applied Research, Vol. 9: Issue 11: Page 63 – 64, November 2019

Dr Rajesh Dake, A Study On Employees Skill Matrix At A Tertiary Care Hospital, Kakinada-Andhra Pradesh, EPRA International Journal of Multidisciplinary Research, Vol. 5: Issue 11: Page 1 – 5, November 2019

Dr Rajesh Dake, An Analysis of Medico Legal Cases at

a Tertiary Care Hospital, Kakinada, Sch J App Med Sci, Vol. 7: Issue 11: Page 3787-3790, November 2019

Dr Rajesh Dake, Adherence / Compliance to the Standard Guidelines for Management of Acute Coronary Syndrome – Tertiary Care Centre Study, International Journal of Contemporary Medical Research, Vol. 6: Issue 12: Page 2454-7379, December 2019

Awards

Young Medical Achiever Award, Indian Health Professional, 21st December 2019

Karimnagar

216. Dr A Venkat Reddy

Orthopedics, Apollo Reach Hospitals, Karimnagar

Publications

Venkat Reddy Almareddi, Ram Reddy V, Bipolar hemiarthroplasty for intracapsular fracture neck of femur in elderly, Prospectives in medical research, Vol. 7: Issue 1: Page 28-30, January-April 2019

217. Dr Ifthekar Ali Mohd

Orthopedics, Apollo Reach Hospitals, Karimnagar

Publications

Dr Ifthekar Ali Mohd, Double Segmental Tibial Fractures - A Rare Fracture, International Journal of Scientific Research, Vol. 7: Issue 9: Page 33-34, 2019

Editorial Boards Membership

Lead Guest Editor, Journal of Surgery, since 2015

218. Dr K Shyam Sunder

Pathology, Apollo Reach Hospitals, Karimnagar

Publications

K Nithin Asok , V Nikhil , C Sagin Manoj , K Shyam Sunder, V Vijay Bhaskar Reddy, P Rajeswari, Implementation of Low Power CORDIC Algorithm, Journal of Engineering and Applied Sciences, Vol. 13:

Issue 4: Page 842-847, 2019

Kolkata

219. Dr Kinsuk Das

Gastroenterology, Apollo Gleneagles Hospitals, Kolkata

Lectures

Lecture, Mystery of Ammonia, North East Gastro Meet 2019, Annual conference, Guwahati, 2nd February 2019

Lecture, NAFLD Management, Family Physicians Association, Calcutta, 31st March 2019

Lecture, Management of NAFLD, 27th MEDICON, Annual Conference, Hazaribag, 27th April 2019

Lecture, Chronic Pancreatitis, XXV BIMACON, Annual Conference, Kolkata, 26th May 2019

Lecture, Recent Advances in Hepatic Encephalopathy, HFT LIVER CON V, Annual Conference, Agartala, 2nd June 2019

Lecture, Recent Advances in Management of NAFLD, Gastro, MCH, Kolkata, 7th June 2019

Session Chaired, Case Capsule in Hepatology, Annual Gut Chat Club Conference, Kolkata, 13th January 2019

Moderator and Chairperson, Live Endoscopy Workshop, North East Gastro Meet, Annual Conference, Guwahati, 1st February 2019

Session Chaired, Gastroesophageal diseases, 22nd Annual Conference, ISG West Bengal Chapter, Kolkata, 8th February 2019

Session Chaired, Metabolic Syndrome in Health, MCLD, Annual Conference, Chennai, 3rd March 2019

Session Chaired, Fallen angels, cenicriviroc, tropifexor, selonsertib – what to expect?, 3rd NAFLD: National Conclave on Emerging Therapies, New Delhi, 9th June 2019

Adjudicator, Live Workshop, AIG Live, Hyderabad, 31st August 2019

Session Chaired, 7th Purbanchal Gastrocon, Bhubaneswar, 28th September 2019

Delegate, EASL Member, EASL, Vienna, 10th – 14th April 2019

Delegate, APDW, Kolkata, 12th – 15th December 2019

Professional Societies' Positions

Vice-president, Indian Society of Gastroenterology, West Bengal Chapter, since 2017

220. Dr Koushik Lahiri

Dermatology, Apollo Gleneagles Hospitals, Kolkata

Lectures

Lecture, Scar removal by fractional CO2 lasers, American Academy of Dermatology, Washington, USA, 1st -5th March 2019

Lecture, Vitiligo surgery: evaluation and evolution, 24th World Congress of Dermatology, Milan, Italy 10th – 15th June 2019

Lecture, Managing e-patients, European Academy of Dermatology and Venereology, Madrid, Spain, 9th – 13th October 2019

Lecture, Topical Steroid Abuse, DASIL World Congress, Goa, India, 30th October- 2nd November 2019

Chairperson, Derma Fillers: Recent Advances, Asia Derma Conference, Singapore, 31st October – 2nd November 2019

Lecture, Topical Steroid Abuse: A Silent Epidemic of Astronomical Magnitude, Asia Derma Conference, Singapore, 31st October – 2nd November 2019

Lecture, Using Fractional Lasers in Indian patients for Post Acne Scars, Asia Derma Conference, Singapore, 31st October – 2nd November 2019

Chairperson, Hypopigmentary Disorders, Asia Derma Conference, Singapore, 31st October – 2nd November 2019

Lecture, Autologous Minigrafting in Vitiligo : Evolution and Evaluation, Asia Derma Conference, Singapore, 31st October – 2nd November 2019

Editorial Boards Membership

Editor Emeritus, Indian Journal of Dermatology, since 2018

Member, Egyptian Dermatology Online Journal (EDOJ), since 2006

Member, Indian Clinical Updates, Dermatology, since 1996

Member, Iranian Journal of Dermatology, since 2009

Member, Pigment International, since 2016

Member, European Medical Journal, since 2016

Member, Journal of Cutaneous and Aesthetic surgery, since 2013

Member, The Journal of Clinical and Aesthetic Dermatology (JCAD), since 2016

Member, Royal Society of Medicine-Current Medical Opinions Series (CMOS) in Cosmetology and Current Medical Practice (CMP) in Dermatology, since 2011

Member, Indian Journal of Dermatology, Venereology and Leprology, since 2006

Founding Co-ordinating editor, Indian Dermatology Online Journal (IDOJ), since 2010

Reviewer, Indian Journal of Dermatology, Venereology and Leprology (IJDVL), since 2006

Reviewer, International Journal of Dermatology (IJD), since 2009

Reviewer, British Journal of Dermatology, (BJD), since 2005

Reviewer, Dermatology online Journal (DOJ), USA, since 2005

Member, Indian Journal of Dermatology (IJD), since 1997

Member, Indian Journal of Paediatric Dermatology, since 2019

Professional Societies' Positions

Vice President, International Society of Dermatology, since 2017

Vice president, IADVL, WB State Branch, since 2019

Member, American Academy of Dermatology, since 2019

Chairperson, ACSI Academy of Dermatosurgery, since 2017

Awards

Adjunct Professorship, AHERF, 2019

Honored, Stars of the Academy Recognition, AAD Annual Meeting, Washington, 2019

221. Dr Mahesh K Goenka

Gastroenterology, Apollo Gleneagles Hospitals, Kolkata

Professional Societies' Positions

Clinical Professor of Medicine– Gastroenterology, Medical College of Wisconsin, U S, since 2019

222. Dr Srinjoy Saha

Plastic Surgery, Apollo Gleneagles Hospitals, Kolkata

Presentations

Turning Reconstructive Ladder Upside Down with Tissue Scaffolds: Difficult Reconstructions Made Easy, Association of Plastic Surgeons of India, National Conference, Bhubaneswar, December 2019

Scar Normalisation Therapy of Keloids, Hypertrophic Scars and Burn Contractures: A New Paradigm, Association of Plastic Surgeons of India, National Conference, Bhubaneswar, December 2019

Professional Societies' Positions

Member, American Society of Plastic Surgeons, USA

Member, The Royal College of Surgeons of England

Member, Association of Plastic Surgeons of India

Member, Association of Surgeons of India

Member, Association of Minimal Access Surgeons of India

Member, Indian Medical Association

Awards

IPRAS International Travelling Award, National Conference of Association of Plastic Surgeons of India, Bhubaneswar, December 2019

223. Dr Suddhasatwya Chatterjee

Internal Medicine, Rheumatology and Geriatric Medicine, Apollo Gleneagles Hospitals, Kolkata

Lectures

Faculty and Guest Lecturer, Indian Menopausal Society Annual Conference, Kolkata, 15th – 17th February 2019

Speaker, Geriatric Conclave, New Delhi, 2019

Speaker, Diabetes and Joint Disease-IMA branches of Howrah (WB), 2019

Speaker, Diabetes and Joint Disease-IMA branches of Srirampur (WB), 2019

Speaker, Diabetes and Joint Disease-IMA branches of Jhargram (WB), 2019

Speaker, Diabetes and Joint Disease-IMA branches of Agartala (TRIPURA), 2019

Speaker, Diabetes and Joint Disease-IMA branches of Jamshedpur (Jharkhand), 2019

Professional Societies' Positions

Member and executive scientific committee, Geriatric Society of India (WB Chapter)

Member, Indian Society of Critical Care Medicine

224. Dr Sudipta Sekhar Das

Transfusion Medicine, Apollo Gleneagles Hospitals, Kolkata

Publications

Das SS, Samal P, Pradhan S, Masquerading of mismatched blood transfusion by underlying autoimmune hemolytic anemia, Asian J Transfus Sci, Vol. 13: Issue 2: Page 142-144, July – December 2019

Lectures

Speaker, Evaluation of DAT positive samples, MD Transfusion Medicine Student Workshop- East and North India, Kolkata, 13th – 14th February 2019

Speaker, Clinical Application of Apheresis Technology, Apollo Gleneagles Hospitals, Kolkata, 18th February 2019

Speaker, Resolution of DAT positive samples, Medanta- The Medicity Hospital, Gurgaon, 25th February 2019

Speaker, Red cell transfusion in multi transfused patients – Problems & Resolution, Tata Medical Center, Kolkata, 6th April 2019

Speaker, Setting a Blood Transfusion Service for Successful BMT program, BMT Update, Kolkata, 11th May 2019

Speaker, Clinical Blood Transfusion Practice & Role of Leukoreduction, Apollo Gleneagles Hospitals, Kolkata, 28th May 2019

Speaker, Blood safety through molecular techniques: Pioneering NAT technology in Eastern India, 28th Regional Congress of the International Society of Blood Transfusion, Basel, Switzerland, 22nd– 26th June 2019

Speaker, An approach to PAN agglutination, Quality system in Immunohematology, Medical College, Kolkata, 6th September 2019

Panellist, Thrombocytopenia in ICU, NOACs, DOACs,

TTP, 11th Annual Conference of Odisha Hematology, Bhubaneswar, 7th-8th September 2019

Speaker, Apheresis Technology, Apollo Gleneagles Hospitals, Kolkata, 10th September 2019

Moderator, Use of Leukofiltered blood, Seminar on Clinical Transfusion Medicine, Tata Medical Center, Kolkata, 14th September 2019

Speaker, Enhancing Blood Safety through NAT, AMRI hospital, Kolkata, 25th September 2019

Speaker, An Approach to Pan Agglutination, Technical Meet – Reference Testing Center, Medanta- The Medicity Hospital, Gurgaon, 26th September, 2019

Speaker, Transfusion management of AIHA, Regional conference of Hematology and Transfusion Medicine, IMMUNOHEMATCON, Kolkata, 14th December 2019

Chairperson, Immunohematology Update, Medanta- The Medicity Hospital, Gurgaon, 25th February 2019

Chairperson, Transfusion Medicine update, Tata Medical Center, Kolkata, 6th April 2019

Chairperson, Recent advances in Blood Banks, Quality system in Immunohematology, Medical College, Kolkata, 6th September 2019

Chairperson and Panellist, Thrombocytopenia in ICU, NOACs, DOACs, TTP, 11th Annual Conference of Odisha Hematology, Bhubaneswar, 7th-8th September 2019

Chairperson, Recent advances in blood component therapy, Seminar on Clinical Transfusion Medicine, Tata Medical Center, 14th September 2019

Chairperson, Enhancing Blood Safety through NAT, AMRI hospital, 25th September 2019

Chairperson, Immunohematology Update, Technical Meet – Reference Testing Center, Medanta- The Medicity Hospital, Gurgaon, 26th September 2019

Chairperson, Regional Conference of Hematology and Transfusion Medicine IMMUNOHEMATCON, Kolkata, 14th December 2019

Editorial Board Membership

Reviewer, International Editorial board, IBIMA publishing, USA, since January 2013

Reviewer, Asian journal of Transfusion Science, India, since June 2012

Reviewer, Journal of Blood transfusion, USA, since February 2013

Reviewer, International journal of case reports in medicine, since August 2013

Reviewer, Indian journal of haematology and blood transfusion, since June 2014

Reviewer, Saudi Medical Journal, since August 2014

Reviewer, Journal of Haematology, Blood Transfusion and Disorders, since 2015

Reviewer, Clinical Chemistry and Laboratory Medicine, since 2016

Reviewer, Global Journal of Transfusion Medicine, since 2018

Professional Societies' Positions

Lifetime member, The Indian Society of Blood Transfusion and Immunohematology (ISBTI), since 2003

Lifetime member, The Indian Society of Haematology and Transfusion Medicine, (ISHTM), since 2003

Lifetime membership, The Indian Society of Transfusion Medicine, since 2010

Lifetime member, The South Asian Association of Transfusion Medicine, (SAATM), since 2012

Member, Global Association of Physicians of Indian Origin (GAPIO), since 2012

Member, The International Society of Blood Transfusion (ISBT), since 2013

Joint secretary, Indian Society of Transfusion

Medicine, since 2016

Secretary General, Bengal Society of Transfusion Medicine, since 2015

Convenor, Special Interest Group – Immunohematology, Indian Society of Transfusion Medicine

NABH assessor, Blood Banks, Quality control of India

Member of task forces of Government of India or State Governments

External Resource Person, Transfusion Medicine, National AIDS control organization, Government of India

Technical Expert, Transfusion Medicine and Blood banking, Government of West Bengal

Technical Expert, Transfusion Medicine and Blood banking, Government of Assam

Technical Expert, Transfusion Medicine and Blood banking, Government of Odhisa and Government of Jharkhand

Member Secretary, Eastern India, National Hemovigilance Program, Government of India

Core Member of the Technical Committee, Cord Blood Banking, Government of West Bengal

225. Dr Surajit Gorai

Dermatology, Apollo Gleneagles Hospitals, Kolkata

Chapters contributed to text books

Dr Surajit Gorai, Topical Retinoid, Textbook of dermatology for postgraduate, Chapter 149, 1st edition, Jaypee Brothers Publications, 2019

Publications

Saptarshi Chatterjee, Debangshu Dey, Sugata Munshi, Surajit Goraib, Extraction of features from cross correlation in space and frequency domains for classification of skin lesions, Biomedical Signal

Processing and Control, Vol. 53, August 2019

Surajit Gorai, Mahimanjan Saha, Vaswatee Madhab, Sayeli Mitra, Talaromycosis (Penicilliosis): A Rare, Opportunistic Systemic Fungal Infection, Indian J Dermatol, Vol. 64: Issue 4: Page 331–333, July – August 2019

Surajit Gorai, ISD Mentorship program, ISD (International Society of Dermatology) Connection, Vol 13: Issue 2, 2019

Lectures

Invited panellist, Getting optimal therapeutic outcome in Androgenetic Alopecia National Conference, DERMACON, Bangalore, 17th – 20th January 2019

Debate, Scar should not be treated, Regional Scar Forum- An association of plastic surgeons of WB, 4th May 2019

Talk, Interesting cases in Pediatric Dermatology, In Apollo Gleneagles Hospital, Kolkata, 10th May 2019

Panelist, JAK inhibitors for severe Alopecia areata, Best of AAD, American Academy of Dermatology, Delhi, 19th October 2019

Debate, Oral Glutathione in Melasma- safety for years – for the motion, 4th Pigmentarycon, Kolkata, 15th – 17th November 2019

Panelist, Challenges in practice of new era, CUTICON, Jharkhand, 15th December 2019

Talk, AI (Artificial Intelligence) in Dermatology, World Artificial Intelligence in Healthcare Summit, Kolkata, 24th December 2019

Organising Committee member, Pigmentarycon, Kolkata, 15th – 17th November 2019

Workshop coordinator Vitiligo surgery, Pigmentarycon, Kolkata, 15th – 17th November 2019

Moderated a session, Pearls in dermatosurgery, 3rd PGCON, IPGMER, Kolkata, 6th December 2019

Panellist, DECODE, A program dedicated to most relevant dermatology menace of the year, 6th January 2019

Presentations

Poster Presentation, Scholarship for the congress 24th World Congress Of Dermatology, Milan, 22nd February 2019

Presentation, Immunobullous disorder, BRIDGE meeting, Kolkata, 8th April 2019

Editorial Board Membership

Editorial Board Member, Indian Journal of Dermatology, since March 2019

Reviewer, Indian Journal of Dermatology, IJD

Professional Societies' Position

Member, Indian Dermatology Venereology and Leprology (IADVL)

Member, Association of cutaneous surgeons of India (ACSI)

Member, Indian association for sexology

Member, ISD (International Society of Dermatology)

Awards

Travel Grant Award, World Congress of Dermatology, Milan, Italy, 2019

IADVL Award, South Asian Regional Congress Award, 2019

226. Dr Suvro Banerjee

Cardiology, Apollo Gleneagles Hospitals, Kolkata

Chapters contributed to text books

Dr S Banerjee, ECG Changes in Athletes: How to prognosticate, Section 24, Chapter 141, Cardiology Update, Editor- Dr MK Das, 1st edition, Evangel publishing, Page 1147-1151, 2019

Publications

Aruni Ghose, Suvro Banerjee, Delayed onset Takotsubo syndrome following exercise ECG: a case report, European Heart Journal, Vol. 3: Issue 2: Page 1-4, June 2019

Banerjee S, Majumdar S, Konar A, Prevalence of atrial high-rate episodes and the risk factors in Indian patients with cardiac implantable electronic devices: Real-world data, Journal of Arrhythmia, Vol. 35: Issue 6: Page 830-835, 16th September 2019

Kathryn King-Shier, Hude Quan, M K Kapral, Ross Tsuyuki, Libin An, Suvro Banerjee, Danielle A Southern, Nadia Khan, Acute coronary syndromes presentations and care outcomes in white, South Asian and Chinese patients: a cohort study, BMJ Open, doi:10.1136/bmjopen-2018-022479, 25th January 2019

Lectures

Lecture, Iatrogenic coronary-cameral fistula, Advanced Cardiology meeting & FESC International program, Mumbai, January 2019

Lecture, FFR in Primary PCI, STEMI India, Kolkata, July 2019

Faculty, STEMI India, Kolkata, 2019

Editorial Board Membership

Member, Editorial Board, EC Cardiology, since 2017

Editor, Editorial Advisory Board, Indian Heart Journal Interventions, since 2019

Member, Abstract Reviewing Committee, ESC Congress, since 2019

Reviewer, Indian Heart Journal, since 2014

Professional Societies' Position

Regional advisor, Royal College of Physicians of Edinburgh for East Region of India and West Bengal, since 2019

Secretary, Cardiological Society of India, West Bengal Branch, since 2017

Member, Indian Medical Association (IMA)

Examinership

Examiner, MRCP (UK), 2019

Awards

Bengal's Pride Award, Health/Social Care, Asian Voice and Gujarat Samachar, House of Commons, UK, 10th July 2019

227. Dr Syamasis Bandyopadhyay

Rheumatology, Apollo Gleneagles Hospitals, Kolkata

Book Published

Editor- Dr Syamasis Bandyopadhyay, Progress In Medicine, 2019

Chapters contributed to text books

Dr Syamasis Bandyopadhyay, Management of Spondyloarthropathy, Chapter 80, 2019

Publications

Ujjwayini Ray, Soma Dutta, Syamasis Bandyopadhyay, Susovan Mondal, Uncommon presentation of a common tropical infection, Indian Journal of Pathology and Microbiology, Vol. 63: Issue1: Page161-163, 2019

Ray U, Dutta S, Bandyopadhyay S, Mondal S, Infections and HLH - Experience from a Tertiary Care Centre, J Assoc Physicians India, Vol. 67: Issue 1: Page 54-57, January 2019

Lectures

Chairperson, Gastroenterology for Interenist, Asia Pacific Digestive Week, Kolkata, 12th -15th December 2019

Presentation

Safety Of Baricitinib In Patient With Moderate To Severely Active Rheumatoid Arthritis, IRACON, Puducherry, 5th-8th December, 2019

Efficacy of Baricitinib in Indian Patients with Moderate

to Severe Rheumatoid Arthritis – IRACON, Puducherry, 5th-8th December, 2019

Editorial Boards Membership

Member, Indian Rheumatology Association

Member, Asia Specific League of Associations for Rheumatology

Member, Indian Society of Critical Care Medicine

Examinership

Examiner, DNB Medicine, Osmania Medical College, Hyderabad, May 2019

Lucknow

228. Dr Aditya K Sharma

Urology and Renal Transplant, Apollomedics Super Speciality Hospitals, Lucknow

Lectures

Debate, Supine vs Prone PCNL, USICON 2019, Bhubaneswar, 23rd January 2019

Lecture, Can RIRS and Supine PCNL replace Traditional PCNL, RIRS VS MINIPERC Operative Workshop, Location, 17th May 2019

Lecture, Supine VS Prone PCNL, PERCON 2019, Jodhpur, 16th August 2019

Lecture, Tips and Tricks of Supine PCNL, KUA Endourology Workshop 2019, Karnataka, 16th February 2019

Lecture, Mini-PCNL & Concepts of Supine PCNL, Urology association Meeting, Madras, 31st August 2019

Lecture, Simplifying supine PCNL; Why & How!, Advancement in Visualization and Stone Management, Urology Club, Lucknow, 21st December 2019

Presentations

Live Presentation, Endoscopic Combined intrarenal Surgery, NZUSICON 2019, Noida, 15th-17th

November 2019

Live Presentation, Simultaneous Bilateral Intrarenal Surgery, AIE 2019 Ahamedabad, 14th December 2019

229. Dr Kashi Nath Prasad

Microbiology, Apollomedics Super Speciality Hospitals, Lucknow

Awards

Indian Association of Medical Microbiologists (IAMM) Endowment Oration Award, 43rd National Conference of IAMM, Mumbai, 29th November – 1st December 2019

230. Dr. Mritunjay Kumar

Pediatrics and Neonatology, Apollomedics Super Speciality Hospitals, Lucknow

Publications

Bharti Bhandari, Ragini Singh, Mritunjay Kumar, Aditya Saun, A rare case of toxic epidermolysis necrolysis in early infancy: Successfully treated with intravenous immunoglobulin, Indian Journal of Paediatric Dermatology, Vol. 20: Issue 3: Page 258-260, 2019

Lectures

Faculty, International Pediatric critical care nephrology and dialysis course, Gurugram, 2019

Presentations

ANCA-associated vasculitis in a girl with Takayasu arteritis, Alberta Children Hospital, Calgary vasculitis symposium, Canada, 10th October 2019

Haemorrhagic catastrophe in a newborn due to coagulation defect masquerading Haemophilia B, National Conference of Neonatology, NNF-NEOCON, Hyderabad, 12th – 15th December 2019

Professional Societies' Position

Life member, Indian academy of Pediatrics, since 2013

Life member, Indian society of Pediatric Nephrology, since 2014

Life member, Indian medical association (IMA), since

2016

Life member, National neonatology forum (NNF), since 2015

Awards

Winner, Interesting case competition, Calgary vasculitis symposium 2019, Alberta Children Hospital, Calgary, Canada, 2019

Madurai

231. Dr Chitra Ayyappan

Pediatrics and Neonatology, Apollo Speciality Hospitals, Madurai

Awards

Medical Excellence Award, Teaching, Governor of Tamil Nadu AGAI, 1st July 2019

232. Dr P Subburamakrishnan

Interventional Cardiology, Apollo Speciality Hospitals, Madurai

Awards

Fellowship, The Society for Cardiovascular Angiography and Interventions (SCAI) and European Society of Cardiology, 2019

233. Dr Sivam Sabhesan

Psychiatry, Apollo Speciality Hospitals, Madurai

Publications

Kanesalingavelan K, Sabhesan S, Savitha K, Nataraja Kasi, Emotional Disturbances among patients with pulmonary tuberculosis, International Journal of Contemporary Medicine, Vol. 7: Page 63 – 68, 2019

Professional Societies' Position

President, Indian Psychiatric Society, at State (Tamil Nadu) and Zonal (South Zone) levels

Mysore

234. Dr Avinash R

Pulmonology, Apollo BGS Hospitals, Mysore

Professional Societies' Position

Member, National College of Chest Physicians

Member, Indian Chest Society

Member, European Respiratory, Society

Member, Indian Allergy Associations

235. Dr Aathira Ravindranath

Pediatric Gastroenterology, Apollo BGS Hospitals, Mysore

Chapters contributed to text books

Dr Aathira Ravindranath, Dysphagia and Odynophagia, Differential Diagnosis in Pediatrics (Indian Academy of Pediatrics), Chapter 9.3 (Section 9), Editor- K Nedunchelian, P Ramachandran, S Thangavelu, NC Gowrishankar, 1st edition, Jaypee brothers publications, Page 279- 284, 2019

Dr Aathira Ravindranath, Neonatal sepsis, AIIMS protocols in neonatology, Editor- R. Agarwal, A. Deorari, V.K.Paul, M.J Sankar, A Sachdeva, 2nd edition, Page 303-316, 2019

Dr Aathira Ravindranath, Mechanisms of Antibiotic Resistance, Antibiotics for common infections in children – An evidence based approach, Editor- Lodha R, Kabra S, 2nd edition, Indian Journal of Pediatrics, Page 1-9, 2019

Publications

Ravindranath A, Srivastava A, Yachha SK, Poddar U, Sarma MS, Saraswat VA, Mohindra S, Yadav RR, Kumar S, Childhood pancreatic trauma: Clinical presentation, natural history and outcome, Europe PMC, Vol. 20: Issue 1: Page 68-73, 31st October 2019

Ravindranath A, Sen Sarma M, Yachha SK, Lal R, Singh

S, Srivastava A, Poddar U, Neyaz Z, Behari A, Outcome of portosystemic shunt surgery on pre-existing cholangiopathy in children with extrahepatic portal vein obstruction, Journal of Hepato-biliary-pancreatic Sciences, Vol. 27: Issue 3: Page 141-148, 26th November 2019

Shukla G, Gupta A, Chakravarty K, Joseph AA, Ravindranath A, Mehta M, Gulati S, Kabra M, Mohammed A, Poornima S, Rapid Eye Movement (REM) Sleep Behavior Disorder and REM Sleep without Atonia in the Young, Can J Neurol Sci, Page 1-9, 24th September 2019

A Ravindranath, M.S. Sarma, S.K.Yachha, An elusive diagnosis in a child with fever and hepatomegaly, Gastroenterology, Vol. 157: Issue 1: Page 23-24, July 2019

A Ravindranath, A Srivastava, J Seetharaman, R Pandey, M S Sarma, U Poddar, S K Yachha, Peritoneal lymphomatosis masquerading as pyoperitoneum in a teenage boy, ACG Case Rep J, Vol. 6: Issue 6: Page e00116, 17th June 2019

A Ravindranath, M S Sarma, Bile acid synthetic defects: simplified approach in a nutshell, Hepatobiliary Pancreat Dis Int, Vol. 19: Issue 1: Page 80-84, 12th September 2019

U Poddar, A Ravindranath, Is time ripe for Hepatitis A mass vaccination?, Indian Pediatr, Vol. 56: Issue 9: Page 731-732, 15th September 2019

Presentations

Oral poster, Hepatic encephalopathy in children with chronic liver disease: response to therapy, recurrence and outcome, Asian Pacific Digestive Week, Kolkata, December 2019

Oral Poster, Delta-Cortisol Model Predicts outcome in decompensated cirrhotic children with hepatoadrenal syndrome: Prospective longitudinal study, Asian Pacific Digestive Week, Kolkata, December 2019

Exemplary clinical case presentation, Mimicker of Gastrointestinal lymphoma in a child – Basidiobolomycosis, United European

Gastroenterology Week, Barcelona, October 2019

Poster presentation, Effects of portosystemic shunt surgery on cholangiopathy in children with Extra-hepatic portal venous obstruction, United European Gastroenterology Week, Barcelona, October 2019

Editorial Boards Membership

Peer Reviewer, Indian Journal of Gastroenterology

Peer Reviewer, Journal of Clinical and Translational Hepatology

Professional Societies' Position

Member, Indian Academy of Pediatrics

Member, Indian Society of Pediatric Gastroenterology Hepatology and Nutrition

Member and contributor, PRESIDE India

Awards

International Scholarship Award, United European Gastroenterology Week, Barcelona, October 2019

Poster of Excellence Award, United European Gastroenterology Week, Barcelona, October 2019

Exemplary Clinical case Award, United European Gastroenterology Week, Barcelona, October 2019

Travel Grant Award, Asia Pacific Digestive Week, Kolkata, December 2019

236. Dr Devaraja R

Hepatology, Apollo BGS Hospitals, Mysore

Professional Societies' Position

Member, European Associations for study of Liver Disease

237. Dr Jayanth B N

General Surgery, Apollo BGS Hospitals, Mysore

Publications

Suhas Umakanth, Jayanth Bannur Nagaraja, Srinath Subbarayappa, Derotation gastropexy for a case of

chronic mesentericoaxial gastric volvulus, Apollo Medicine, Vol. 16: Issue 2: Page 118-121, 2019

Jayanth Bannur Nagaraja, Shashank Saraf, Nairuthya Shivathirthan, S Srinath, Laparoscopic management of rapunzel syndrome, Apollo Medicine, Vol. 16: Issue 2: Page 103-104, 2019

Dilip Rajasekharan, Kanjithanda Subbaiah Bopaiah, Aumir Moin, Jayanth Bannur Nagaraja, Supratentorial ependymoma: A rare presentation in an adolescent, Apollo Medicine, Vol. 16: Issue 3: Page 161-163, 2019

Dilip Rajasekharan, Devapatla Shanthakumar, Srinath Subbarayappa, Jayanth Bannur Nagaraja, A rare case of small-bowel obstruction due to broad ligament herniation, Indian Journal of Colo – Rectal Surgery, Vol. 1: Issue 2: Page 57-59, 26th November 2019

Lectures

Judges for poster and paper presentation, ICSICON, Mysore, 2019

Presentations

Poster Presentation, A Case Report on Gastric Volvulus, IAGES, Bhubaneshwar, 2019

238. Dr Maniyur Raghuvendran

Urology and Renal Transplant, Apollo BGS Hospitals, Mysore

Publications

Raghavendran M, Prahlad KA, Venugopal A, Kumar KG, Urological Surgery in CML- Is it Safe?, J Assoc Physicians India, Vol. 67: Issue 4: Page 90-91, April 2019

Raghavendran M, Keyur Patel, Milan Joshi, Stent related Discomfort – Does adding mirabegon to anti cholinergic regimes help, Journal of Urology, Vol. 201: Issue 4S, Page 171-172, April 2019

Lectures

Chairperson, USICON national conference, Bhubaneshwar, 2019

Stent related Discomfort – Does adding mirabegon to anti cholinergic regimes help?, Moderated poster session, AUA meet, Chicago, 5th -9th May 2019

Editorial Boards Membership

Reviewer, Indian Journal of Urology, since 2016

Reviewer, BMJ Case report, since 2018

Reviewer, Urologia Internationalis, since 2018

Professional Societies' Position

Treasurer, Internees Association, SVMC, Trupati

Member, Urological Society of India

Member, NZ- Urological Society of India

Member, Indian Medical Association

Member, SZ- Urological Society of India

Member, AUA

Member, SIU

239. Dr Rajkumar Prannath Wadhwa

Gastroenterology, Apollo BGS Hospitals, Mysore

Lectures

Faculty, Asia Pacific Digestive Disease Week, Kolkata, December 2019

Editorial Boards Membership

Member, Advisory Board, Journal of Internal Medicine

Member, Editorial Board, API Journal of Karnataka

Professional Societies' Position

Life Member, Indian Society of Gastroenterology,

Life Member, Indian National Association for study of Liver Disease

Life Member, Society of Gastrointestinal Endoscopy of India

Secretary, Karnataka Chapter of Indian Society of Gastroenterology, since 2015

Member, American Society of Gastrointestinal Endoscopy

Member of task forces of Government of India or State Governments

Member, Task force for upper GI Bleed by Indian Society of Gastroenterology

Member, Task force for Gastroesophageal reflux disease by Indian Society of Gastroenterology

240. Dr Ramakrishna M N

Critical Care, Apollo BGS Hospitals, Mysore

Lectures

Organiser, Infectious Disease Symposium, 2019

Professional Societies' Position

Member, ISCCM

Member, Executive Committee, ISCCM Branch, Mysore

241. Dr Sanjeeva Rao Girimaji

General Medicine, Apollo BGS Hospitals, Mysore

Professional Societies' Position

Life Member, Geriatric Society of India

Life Member, RSSDI

Member, American Diabetic Association

Member, American College of Physician

242. Dr Shiva Prasad B. N.

Rheumatology, Apollo BGS Hospitals, Mysore

Publications

Shobha V, Chandrashekara S, Rao V, Desai A, Jois R, Dharmanand BG, Kumar S, Kumar P, Dharmapalaiah C, Mahendranath KM, Prasad S, Daware MA, Singh Y,

Karjigi U, Nagaraj S, Anupama KR, Biologics and risk of tuberculosis in autoimmune rheumatic diseases: A real-world clinical experience from India, *Int J Rheum Dis*, Vol. 22: Issue 2: Page 280-287, February 2019

Chandrashekara S, Shobha V, Dharmanand BG, Jois R, Kumar S, Mahendranath KM, Haridas V, Prasad S, Singh Y, Daware MA, Swamy A, Subramanian R, Somashekar SA, Shanthappa AM, Anupama KR, Influence of disease duration and socioeconomic factors on the prevalence of infection and hospitalization in rheumatoid arthritis: KRAC study, *Int J Rheum Dis*, Vol. 22: Issue 7: Page 1216-1225, July 2019

Chandrashekara S, Shobha V, Rao V, Desai A, Jois R, Dharmanand BG, Kumar S, Kumar P, Dharmapalaiah C, Mahendranath KM, Prasad S, Daware MA, Singh Y, Karjigi U, Nagaraj S, Anupama KR, Incidence of infection other than tuberculosis in patients with autoimmune rheumatic diseases treated with bDMARDs: a real-time clinical experience from India, *Rheumatol Int*, Vol. 39: Issue 3: Page 497-507, March 2019

Ramaswamy Subramanian, Shiva Prasad, Biologics: A tectonic shift in the management of rheumatoid arthritis, *APIK Journal of Internal Medicine*, Vol. 7: Issue 4: Page 103-108, 2019

BN Shiva Prasad, Ravi Puranik, Venugopal Anandaswamy, P Jayakumar, Single-organ sarcoidosis involving hepatic, lacrimal, and Cardiac, *Indian Journal of Rheumatology*, Vol. 14: Issue 4: Page 321-324, 2019

Shiva Prasad, Nairutya Shivathirthan, Keyur Yogesh Patel, Postmalignancy sarcoid-like reaction, *Indian Journal of Rheumatology*, Vol. 14: Issue 4: Page 327-329, 2019

Lectures

Faculty, Leprosy Arthritis, IRACON, National Conference, Puducherry, December 2019

Faculty, Rheumatological Varieties, SZIRACON, Mahabalipuram, July 2019

Faculty, Immunogenetics, 6th Annual Conference of Association of Physiologist of India, September 2019

Faculty, Extra – pulmonary Sarcoidosis, KRA meet, Mangalore, 2019

Presentations

Poster presentation, Epidemiological profile of Sarcoidosis in South India, Korea International Rheumatology Conference, May 2019

Editorial Boards Membership

Reviewer, Indian Journal of Rheumatology

Professional Societies' Position

Member, Association of Physicians of India

Member, Indian Medical Association

Executive Member, Indian Rheumatology Association, Karnataka Chapter

Navi Mumbai

243. Dr Abhijit Bagde

Pediatric Critical Care, Apollo Hospitals, Navi Mumbai

Chapters contributed to text books

Dr Abhijit Bagde, Iron poisoning, IAP intensive care protocol, Chapter 68, Editor Praveen Khilnani, Santosh P Soans, Vinayak Patki, 3rd Edition, JP Medical Ltd., Page 419-420, 31st May 2019

Publications

Snehal Mallikamir, Abhijit Bagde, Abha Nagral, Rashid Merchant, Darius Mirza, Mutation in NBAS gene as a cause of recurrent acute liver failure, acute kidney injury and status epilepticus, Journal of Clinical and Experimental Hepatology, Vol. 9: Issue 6, Page 753-756, November - December 2019

Aashika Janwadkar, Nikhil Shirole, Aabha Nagral,

Rochana Bakshi, Suresh Vasanth, Abhijit Bagde, Vijay Yewale, Darius Mirza, Citrullinemia Type 1: Behavioral improvement with late Liver transplantation, The Indian Journal of Pediatrics, Vol. 86: Page 639-641, March 2019

Lectures

Panel discussion, Imaging in Critical Care, PEDICON, IAP National conference, Mumbai, February 2019

Panel discussion, Shock, assessment in Emergency room and treatment, EPICON, Maharashtra state Emergency Pediatric and surgery Congress, Mumbai, February 2019

Modertaor, Difficult respiratory cases, Ventilator strategies, EMBICON, The International Conference on Intensive Care and Annual Conference of Indian Academy of Pediatrics, Mumbai, June 2019

Lecture, Hypertensive emergency in children, NCPCC (National Conference of Pediatric Critical Care), Bangalore, December 2019

Panel discussion, Abdominal emergencies, NCPCC (National Conference of Pediatric Critical Care), Bangalore, December 2019

244. Dr Aklesh Tandekar

Critical Care, Apollo Hospitals, Navi Mumbai

Examinership

FCCCM exam part 1, March 2019

245. Dr Amey Sonavane

Gastroenterology, Apollo Hospitals, Navi Mumbai

Chapters contributed to text books

Dr Amey Sonavane, Non-alcoholic fatty liver disease and liver transplantation, GI CLINICAL UPDATES: Non Alcoholic Fatty Liver Disease, Chapter 11, Editor- Dr Akash Shukla, 1st Edition, Kontentworx, Page 107-120, 2019

Dr Amey Sonavane, Liver Transplantation and Hepatic Encephalopathy, Hepatic Encephalopathy Updates, Chapter 5c, Editor- Dr Abraham Koshy, 1st Edition,

Kontentworx, Page 76-85, 2019

Publications

Sonavane AD, Amarapurkar DN, Rathod K, Punamiya S, Long-term survival of patients undergoing TIPS in Budd-Chiari Syndrome, Journal of Clinical and Experimental Hepatology, Vol. 9: Issue 1: Page 56-61, January – February 2019

Sonavane AD, Saigal S, An Enigmatic Case of undiagnosed severe diarrhea post living donor liver transplantation, Transplant Immunology, Vol. 5: Issue 4: Page 17-19, June 2019

Choudhary NS, Saigal S, Sonavane AD, Prakash AK, Saraf N, Soin AS, A case of Sirolimus induced interstitial lung disease after liver transplantation, Journal of Clinical and Experimental Hepatology, Vol. 9: Issue 4: Page 539-540, July – August 2019

Choudhary NS, Sonavane AD, Saraf N, Saigal S, Rastogi A, Bhangui P, Thiagrajan S, Yadav SK, Saha S, Soin AS, Poor Performance Status predicts mortality after Living Donor Liver Transplantation, Journal of Clinical and Experimental Hepatology, Vol. 10: Issue 1: Page 37-42, 5th July 2019

246. Dr Dhanya Dharmapalan

Pediatrics, Apollo Hospitals, Navi Mumbai

Books published

Academics Editor – Dhanya Dharmapalan, IAP Textbook of Pediatrics, 7th Edition, Jaypee Brothers Medical Publishers (P) Ltd, 2019

Associate Editor – Dhanya Dharmapalan, Partha's Investigations and Interpretations in Pediatric and Adolescent Practice, 1st Edition, Jaypee Brothers Medical Publishers, 2019

Chapters contributed to text books

Dhanya Dharmapalan, MRSA, FAQs of Rational Antibiotic Therapy, Chief Editors - Abhay K Shah, Digant D Shastri, Jaypee Brothers Medical Publishers, 2019

Dhanya Dharmapalan, Skin and Soft Tissue infections, Chapter 24, IAP Specialty Series on Rational Antimicrobial Practice in Pediatric, Chief Editor - Tanu Singhal, 3rd Edition, Jaypee Brothers Medical Publishers, Page 267-271, January 2019

Dhanya Dharmapalan, Liver Abscess, Chapter 43, Pediatric Pictorial Interrogative Reckoner (IAP), Chief Editor - Ashok Kapse, 1st Edition, Jaypee Brothers Medical Publishers, Page 143-145, March 2019

Dhanya Dharmapalan, A Case scenario on Rational Antibiotic Use, Case Based Reviews in Pediatric Infectious Diseases, Editors – Kalra, Vashishta, Jaypee Brothers Medical Publishers, 2019

Publications

Dharmapalan D, Superbugs- Infectious Diseases, Indian Journal of Practical Paediatrics, Vol. 21: Issue 2: Page 104 – 105, April- June 2019

John TJ, Dharmapalan D, The moral dilemma of the polio eradication programme, Indian J Med Ethics, Vol. 4: Issue 4: Page 294-297, October- December 2019

Dharmapalan D, Saxena V, Pawar SD, Qureshi T, Surve P, Clinical and Molecular Investigations of Hand, Foot and Mouth Disease Outbreak in Navi Mumbai, Indian Pediatrics, Vol. 56: Page 1052-1054, December 2019

Dharmapalan D, Utility of Mantoux and Interferon-gamma Release Assays, Pediatric infectious disease, Vol. 1: Issue 1: Page 17-18, March 2019

Hsia Y, Lee BR, et al (as member of GARPEC), Use of the WHO Access, Watch and Reserve Classification to define patterns of hospital use (aWaRe), Lancet Global Health, Vol. 7: Issue 7: Page, e861-71, July 2019

Editorial Boards Membership

Member, Pediatric Infectious Disease, since 2019

Professional Societies' Position

Co-Lead, Global antibiotic stewardship activities of Pediatric Infectious disease Society of America, since December 2019

Core Committee Member, National module on Paediatric Infection Control in nursing homes, intensive cares and clinics, IAP, since 2019

Member, Infectious Disease Society of America (IDSA), since 2018

Young ESPID member, European Society of Pediatric Infectious Disease (ESPID), since 2013

Life member, International Society of Infectious Diseases (ISID), since 2016

Member, Pediatric Infectious Diseases Society (PIDS), since 2018

Life Member, Indian Academy of Pediatrics (IAP), since 2008

Life Member, IAP Infectious Disease Chapter (IAP IDC), since 2008

Life member, Indian Medical Association (IMA), since 2003

Awards

Youngest Editor of Pediatric Books, National Record, March 2019

Young Academician Award, Founders Day, February 2019

247. Dr Dipalee Bharatrao Borade

Radiation Oncology, Apollo Hospitals, Navi Mumbai

Lectures

Dosimetric superiority of prone position in radiotherapy of early breast cancer following conservative surgery, 4th Meeting of Federation of Asian Organizations for Radiation Oncology (FARO, China, 15th November 2019

Dosimetric superiority of prone position in radiotherapy of early breast cancer following conservative surgery, 41st Annual Conference of Radiation Oncologists of India (AROICON), Ahmedabad, Gujarat, 1st December 2019

248. Dr Gunadhar Padhi

Critical Care, Apollo Hospitals, Navi Mumbai

Examinership

FCCCM exam part 1, March 2019

249. Dr Laxman G. Jessani

Infectious Diseases, Apollo Hospitals, Navi Mumbai

Publications

L Jessani, R Gopalakrishnan, S Basu, Suresh D, S Nambi, Velupande, V Ramasubramanian, Assessment of Occupational Exposure and Infection Prevention Control of H1N1 influenza among Healthcare workers: a multicenter KAP study in Western and Southern India, Acta Scientific Microbiology, Vol. 2: Issue 2: Page 17-21, 2019

Lectures

Faculty and Speaker, Influenza Associated Aspergillosis, State Level Conference, Indian Society of Critical Care Medicine (ISCCM), MAHACRITICON, Navi Mumbai, December 2019

Faculty and Speaker, Syndromic Approach to Infections, National Level Conference, Indian Association of Medical Microbiologists (MICROCON), Mumbai, November 2019

Faculty and Speaker, HIV infection in 2019, Infectious Disease Certificate Course (IDCC), P D Hinduja Hospital, Mumbai, November 2019

Faculty and Speaker, Invasive fungal infections in ICU, State Level Conference, Maharashtra Association of Physicians of India (MAPICON), Navi Mumbai, October 2019

Executive and Organizing committee member, State Level Conference, Maharashtra Association of Physicians of India (MAPICON), Navi Mumbai, October 2019

Faculty and Speaker, HIV update, State Level Conference, Maharashtra Association of Physicians of

India (MAPICON), Navi Mumbai, October 2019

Executive and Organizing committee member, HIV update, State Level Conference, Maharashtra Association of Physicians of India (MAPICON), Navi Mumbai, October 2019

Faculty and Speaker, Antibiotic stewardship workshop, State Level Conference, Maharashtra Association of Physicians of India (MAPICON), Navi Mumbai, October 2019

Executive and Organizing committee member, Antibiotic stewardship workshop, State Level Conference, Maharashtra Association of Physicians of India (MAPICON), Navi Mumbai, October 2019

Speaker, Outbreak investigation: Steps to follow, INFECON, Jaslok hospital, Mumbai, October 2019

Faculty and Speaker, Infectious diseases: Syndromic approach, Apollo Hospital, Mysore, September 2019

Faculty and Speaker, Use of biomarkers in invasive fungal infections, National Conference, Clinical Infectious Diseases Conference, (CIDSCON), Kochi, August 2019

Faculty and Speaker, Best of ASCO: HIV and Oncology, Medical Oncologist Association, Mumbai, June 2019

Faculty, Update in Infectious Diseases, Zen Hospital, Mumbai, June 2019

Faculty and Speaker, Solid Organ Transplant Infections, Global Hospital, Mumbai, June 2019

Speaker, Role of physician/microbiologist in Infectious Diseases, Tata Memorial Hospital, Mumbai, April 2019

Faculty and Speaker, Effective use of technology in Clinical Medicine, Workshop in national level conference, Association of Physicians of India (APICON), Kochi, February 2019

Organizing committee member, Effective use of technology in Clinical Medicine, Workshop in national level conference, Association of Physicians of India (APICON), Kochi, February 2019

Faculty and Speaker, Challenging cases in Infectious diseases, National Level Conference, MEDINSPIRE, Navi Mumbai, February 2019

Faculty and Panelist, Treatment of Invasive Fungal Infections, National Critical Care Conference (CRITICARE), ISCCM, Mumbai, February 2019

Faculty and Speaker, Appropriate use of antibiotics, State Level Conference, Raigad Association of Physicians (RAICON), Lonavala, January 2019

Speaker, HIV updates, Indian Medical Association, Thane Chapter, Association of Physicians of India, Maharashtra Chapter and HIV Welfare Society, Mumbai, January 2019

Editorial Boards Membership

Reviewer, for Australasian Medical Journal (AMJ)

Reviewer, for Open Journal of Clinical and Medical Case reports

Reviewer, for Indian Journal of Critical Care

Professional Societies' Position

Founder member, Infectious Diseases and Infection Control Forum, Mumbai

Life-time Member of Association of Physicians of India

Member, Clinical Infectious Disease Society of India

Member, Infectious Disease Society of America (IDSA)

250. Dr Pankaj Deshpande

Pediatric Nephrology, Apollo Hospitals, Navi Mumbai

Chapters contributed to text books

Dr Pankaj Deshpande, Nephrology, Chapter 10, Partha's Investigations and Interpretations In Pediatric and Adolescent Practice, Editor-in-Chief- A Parthasarathy, Edition- 1, Jaypee Brother, Page 128 – 145, 2019

Dr Pankaj Deshpande, Antimicrobial Therapy in UTI, Chapter 23, Rational AntiMicrobial Practice in

Pediatrics, Chief Editor- Tanu Singhal, Edition- 3rd, Jaypee Brother, Page 260 -266, 2019

Lectures

Talk, What you eat and kidneys, Pedicon, Mumbai, February 2019

Lecture, Acute Kidney Injury in PICU, Embicon, Mumbai, July 2019

Lecture, Common tests in kidney function, TRAC module, Alibag, 19th September 2019

Lecture, Kidneys and common problems, MCUG, West Zone Pedicon, Surat, 19th September, 2019

Lecture, Nutrition in kidney diseases, Nutricon, Navi Mumbai, August 2019

Lecture, Nephrotic Syndrome with Diabetes Mellitus, Hinduja Hospitals Groundround, Mumbai, October 2019

Lecture, Urine routine, Creatinine, FLIRT, Navi Mumbai, November 2019

Lecture, Panel: UTI, Nephrotic syn, Mahapedicon, Amravati, November 2019

Lecture, Pediatric Nephrology, IMA Fest, Dombivili, November 2019

Lecture, HUS, NS, CPS lectures, Mumbai, December 2019

251. Dr Rajesh S Shinde

Surgical Oncology, Apollo Hospitals, Navi Mumbai

Chapters contributed to text books

Dr Rajesh S Shinde, Pancreatic and Periampullary Cancer, Surgical Gastroenterology, Editor- Sanjiv Haribhakti, Volume 2, 3rd edition, Paras Medical Publisher, Page 1464-1474, 2019

Publications

Shrikhande SV, Shinde RS, Chaudhari VA, Kurunkar SR,

Desouza AL, Agarwal V, Bhandare MS, Twelve Hundred Consecutive Pancreato-Duodenectomies from Single Centre: Impact of Centre of Excellence on Pancreatic Cancer Surgery Across India, World J Surg, doi: 10.1007/s00268-019-05235-0, 22nd October 2019

Shinde RS, Bhandare MS, Chaudhari, Cutting edge strategies for borderline resectable pancreatic cancer, World J Surgery, Vol. 3: Issue 4: Page 368-372, 2019

Shinde RS, Acharya R, Kumar, Pelvic exenteration with cytoreductive surgery and hyperthermic intraperitoneal chemotherapy (CRS+ HIPEC) for rectal cancer- case series with review of literature, Ind J Surg Oncology, Vol. 10: Issue (suppl. 1): Page 80-83, 2019

Prakash G, Pal M, Odaiyappan K, Shinde RS, Bladder cancer demographics and outcome data from 2013 at a tertiary cancer hospital in India, Indian J Cancer, Vol. 56: Issue 1: Page 54-58, 2019

Niyogi D, Goel M, Shinde RS, Primary hepatic tuberculosis: A rare occurrence, Ann Hepatobiliary Pancreat Surg, Vol. 23: Issue 1: Page 80-83, 2019

Lectures

Moderator, Live operative workshop, Whipples PD-Oncosurg, Tata Memorial Hospital, Mumbai, 2019

Panel discussion, Surgical tricks and tips in pancreatic surgery, Annual international review in gastrointestinal cancers, Mumbai, 9th -10th March 2019

Panel discussion, Cholangiocarcinoma, ISO - ISMPO 2019 Conference, Indore, 1st -3rd November 2019

Presentations

Comparative study of Updated Alternative Fistula Risk Score (uaFRS), Alternative Fistula Risk Score (aFRS) and Fistula Risk Score (FRS) For Predicting the Risk of Postoperative Pancreatic Fistula After Pancreaticoduodenectomy, NATCON, Kolkata, 2019

E-Video presentation, Supracolic total mesopancreatic excision, IHPBA, Jaipur, 2019

Awards

Best Paper Award, Natcon, 2019

252. Dr Sachin Pralhad Sanagar

Cardiovascular and thoracic Surgery, Apollo Hospitals, Navi Mumbai

Publications

Sanjeev Jadhav , Sachin Sanagar , Shantesh Kaushik , Haridas Munde, Giant Popliteal Artery Aneurysm in a Teenager: An Unusual Occurrence, Korean J Thorac Cardiovasc Surg 2, Vol. 52: Issue 2: Page 116-118, 2019

Sanjeev Jadhav, Sachin Sanagar, Haridas Munde, Mona Jadhav, Jayalakshmi Kutty, Pulmonary Sequestration: An Unusual Cause for Massive Hemoptysis in an Adult Woman, Cureus, Vol. 11: Issue 11: Page e6145, 13th November 2019

253. Dr Sanjay Khare

Internal Medicine, Apollo Hospitals, Navi Mumbai

Awards

SCOPE certification, World Obesity Federation, January 2019

254. Dr Sanjeev Jadhav

Heart and Lung Transplants, Apollo Hospitals, Navi Mumbai

Publications

Jadhav S, Sanagar S, Munde H, Jadhav M, Kutty J, Pulmonary Sequestration: An Unusual Cause for Massive Hemoptysis in an Adult Woman, Cureus, Vol. 11: Issue 11: Page e6145, 13th November 2019

255. Dr Shishir Shetty

Surgical Oncology, Apollo Hospitals, Navi Mumbai

Lectures

Talk, Cancer Awareness, Bunts Sangh, Nerul, 1st September 2019

256. Dr Shreyas Somanath

Surgical Oncology, Apollo Hospitals, Navi Mumbai

Lectures

Lecture, Use of Low Molecular Weight Heparin (LMWH) in cancer induced thrombosis, A scientific session, Tumor board, Mumbai, 30th October 2019

257. Dr Vijay Yewale

Pediatrics, Apollo Hospitals, Navi Mumbai

Books published

Editor - Vijay Yewale, The Specialty Series on Rational Antimicrobial Practice in Pediatric, 3rd Edition, Jaypee Brothers Medical Publishers, 2019

258. Dr Vipin Kumar Pathak

Radiology, Apollo Hospitals, Navi Mumbai

Publications

Dr. Vipin Kumar Pathak, Dr. B.K. Kunwar, Dr. Chandrasekhar Tulasigeri, Dr. Apsangikar P, Successful use of fibrin sealant in post-catheterization pseudo aneurysm of femoral artery after failure of compression attempt- A case study, International Journal Of Current Research, Vol. 11, Issue 1, Page 711- 714, January 2019

Lectures

Role of MRI in fetal anomaly-A case-based approach, 18thMRI Teaching Course, Nanavati Super Speciality Hospital, Mumbai, 31st March 2019

Advantage of fetal MRI in complex congenital anomaly, NMOGS, Navi Mumbai, April 2019

Interesting cases, Neurosciences Panel, Navi Mumbai, 28th April 2019

Nellore

259. Dr Bindu Menon

Neurology, Apollo Speciality Hospitals, Nellore

Chapters contributed to text books

Dr Bindu Menon, Deep Learning in Early detection of

Alzheimer's, Chapter 9, Handbook of Research on Deep Learning Innovations and Trends, Editor - Aboul Ella Hassanien, 1st edition, IGI Global, Page 153-162, April 2019

Dr Bindu Menon, Tremors, Handbook of Geriatric Care, Editor - Dr O P Sharma, 1st edition Viva books limited, Page 55-56, 2019

Dr Bindu Menon, Movement disorders, Handbook of Geriatric Care, Editor - Dr O P Sharma, 1st edition, Viva books limited, Page 257-263, 2019

Dr Bindu Menon, Stroke, Handbook of Geriatric Care, Editor - Dr O P Sharma, 1st edition, Viva books limited, Page 235-238, 2019

Dr Bindu Menon, Epilepsy, Handbook of Geriatric Care, Editor - Dr O P Sharma, 1st edition, Viva books limited, Page 231-234, 2019

Publications

Menon B, Manam G, Akurapi R, Transient splenium lesion, Journal of Clinical Images, Vol. 1: Issue 1: Page 1002, 13th February 2019

Bindu Menon, Gayatri Manam, Disappearing lesion of spinal cord, Journal of Clinical Images, Vol. 1: Issue 1: Page 1004, 26th April 2019

Menon Bindu, Stroke in elderly, Indian Journal of Geriatric care, Vol. 8: Page 144-146, 2019

Menon Bindu, Pasupuleti S, Poor awareness of role of helmet in preventing the head injury, Indian J Community Med, Vol. 44: Page 291 -292, 2019

M Wasay, S Kaul, Bindu Menon, Asian Study of Cerebral Venous Thrombosis, Journal of Stroke and Cerebrovascular Diseases, Vol. 28: Issue 10: Page 104247, 24th July 2019

Orations

Lecture, J J Rao oration, 16th International conference of Geriatric society of India, GSICON, Mumbai, 14th September 2019

Lectures

Lecture, Stroke for Students, SHINE, 9th Annual conference of clinical Neurology, Chennai, 22nd - 24th February 2019

Lecture, Epilepsy treatment in the community, Breaking the barriers, CME on epilepsy, JIPMER, Pondicherry, 10th February 2019

Lecture, TIA Risk stratification and work up, Karnataka neurosciences summit, Davagare Karnataka, 26th January 2019

Lecture, Salvaging the subconscious, TED X Talk AIIMS, Bhubaneswar, 17th August 2019

Lecture, Neurology on wheels, Walton center Postgraduate Medical Education, Lunchtime series, Liverpool, UK, 10th April 2019

Lecture, Asian-oceanian Regional Symposium: History, Practice and Science of Traditional Medicine in Asia, regional symposium session at the XXIV World Congress of Neurology, Dubai, 27th - 31st October 2019

Lecture, Prevalence of Migraine In Nurses- a hospital based study, XXIV World Congress of Neurology, Dubai, 27th - 31st October 2019

Lecture, Reproductive endocrine functions in women with epilepsy, XXIV World Congress of Neurology, Dubai, 27th - 31st October 2019

Lecture, Poor Awareness of role of Helmet to prevent Head Injury, XXIV World Congress of Neurology, Dubai, 27th - 31st October 2019

Lecture, Association of ace gene insertion/deletion polymorphism and ischemic stroke in south Indian population, 11th World Stroke Congress (WSC), Montreal, Canada, 17th - 20th October 2019

Lecture, Decreased antioxidant levels and oxidative stress in patients with epilepsy, 11th World Stroke Congress (WSC), Montreal, Canada, 17th - 20th October 2019

Lecture, Evaluation of plasma Ceruloplasmin levels in ischemic stroke, 11th World Stroke Congress (WSC), Montreal, Canada, 17th – 20th October 2019

Lecture, Elements of normal EEG (awake & sleep) and activation procedures, Brain and Spine Society EEG workshop EEG Workshop EEG Analysis and Interpretation, Hyderabad, 23rd–24th November 2019

Identify the EEG - Artifacts in EEG, Brain and Spine Society EEG workshop EEG Workshop EEG Analysis and Interpretation, Hyderabad, 23rd – 24th November 2019

EEG in partial Epilepsies, Brain and Spine Society EEG workshop EEG Workshop EEG Analysis and Interpretation, Hyderabad, 23rd – 24th November 2019

EEG in generalized Epilepsies, Brain and Spine Society EEG workshop EEG Workshop EEG Analysis and Interpretation, Hyderabad, 23rd – 24th November 2019

Post Ictal psychosis!, International Neuropsychiatric Association (INA) Colloquium, Chennai, 29th–30th November 2019

Neurological disorders in women - gender issues, National conference of the Indian Academy of Neurology, Hyderabad, 3rd – 6th October 2019

Approach to Rapidly Progressive Cognitive Decline, World Neuroscience Summit, New Delhi, 25th August 2019

Which AED to start, 20th Joint Conference of Indian Epilepsy Society (IES) and Indian Epilepsy Association (IEA), New Delhi, 8th -10th March 2019

The Neurological Examination – the neuro clues, Pearls in clinical neurology, Nellore, 21st – 22nd December 2019

Represented, Indian subcontinent and Epilepsy in the special group on the Neuroepidemiology, World Federation of Neurology, November 2019

Convener, Neurological disorders in women - gender issues, National conference of the Indian Academy of Neurology, 3rd -6th October 2019

Editorial Boards Membership

Board Member, International Journal of Epilepsy, since 2015

Chief Editor, Epilepsy India Newsletter, official national newsletter of the Indian Epilepsy association and Indian Epilepsy Society, since 2017

Professional Societies' Position

President, Simhapuri Nellore Neuro Club, since 19th April 2019

President, Epilepsy association, Nellore chapter, since 2008

Member, Stroke support organization, since 2019

Representative, WHO South East Asia Region, World stroke organization, since 2019

Advisory Board member, National advisory board of the Valproate consensus, since 2016

Member, Andhra Pradesh Medical Council

Advisory Board member, Indian Epilepsy Society-Epilepsy and Indian Law, since 2018

Member, World Stroke organization, since 2017

Awards

Sakshi Excellence Award in Healthcare, by the governor of Telengana E. S. L.Narasimhan, Hyderabad, 10th August 2019

Life Saver Award, for treating stroke patients, Chennai, 5th February 2019

Indian Academy of Neurology (FIAN) Award, National conference of Indian Academy of Neurology, Hyderabad, 3rd October 2019

Fellowship, Indian Academy of Neurology, FIAN, 27th

National Conference of Indian Academy of Neurology, Hyderabad, 3rd October 2019

260. Dr Giddaluru Gireesh Reddy

Nephrology, Apollo Speciality Hospitals, Nellore

Lectures

Lecture, Vascular Access Malfunction, How to go about it in our patients?, 39th Annual Conference of Indian Society of Nephrology, Southern Chapter, Tirupati, 2019

Presentations

Impact of interventional Nephrology in Vascular Access Care in a developing nation, A 2yr. experience, 15th Conference of American Society of Diagnostic and Interventional Nephrology (ASDIN), Atlanta, Georgia, USA, 15th – 17th February 2019

Professional Societies' Position

Member, American Society of Diagnostic and Interventional Nephrology

Member, Vascular Access Society of the Americas

Member, International Society of Nephrology (ISN), since 2013

Member, Indian Society of Nephrology (ISN), since 2013

261. Dr Gowrinath Karanam

Pulmonary Medicine, Apollo Speciality Hospitals, Nellore

Lectures

Chaired a session, Pulmonary vascular disorders, 21st NAPCON, Kochi, 21st – 24th November 2019

Editorial Boards Membership

Reviewer, Respiriology, International Indexed Journal (Asia Pacific region)

Reviewer, Lung India, Journal of Indian Chest Society

Reviewer, Journal of clinical and Diagnostic Research, an Indexed National journal

Reviewer, Indian J Chest Diseases & Allied Sciences, an Indexed National Journal of V.P.Chest Institute, Delhi

Reviewer, Journal of clinical and Scientific Research, official journal of SVIMS, Tirupati

Professional Societies' Position

Life member, Chest Society of India

Life member, National College of Chest Physicians

Life member, Indian Medical Association

Life member, Indian Association For Bronchology

Life member, Association of Physicians of India

Life member, Indian College Of Allergy, Asthma and Applied Immunology

Life member, Indian Academy Of Allergy

Life member, Indian Sleep Disorders Association

Noida

262. Dr Deepa Passi

Pediatrics, Apollo Hospitals, Noida

Publications

Dr Deepa Passi, Socio Ecological determinants of Substance Use in Adolescents for central, IAP Indian Journal Adolescent Medicine, Vol. 1: Issue 1, 2019

Lectures

Lecture, Child Sexual Abuse, TOT at SSPGHT, Noida, 5th February 2019

Talk, Suicide in Adolescents, Mission Kishore Uday, Program of central IAP, Gurugram, 31st March 2019

Chairperson, CentZ P'con, Noida, 20th– 21st April 2019

Chaired the session, Gendersensitisation, CentZ P'con, Noida, 20th – 21st April 2019

Convenor, UP Pedia Respira, Noida, 7th July 2019

Chaired a session, Cystic Fibrosis, UP Pedia Respira, Noida, 7th July 2019

Coordinator, MKU a Central IAP Endeavor, Noida, 21st July 2019

Talk, Suicide in Adolescents, MKU a Central IAP Endeavor, Noida, 21st July 2019

Chaired a sessions, Is Anemia just low Hemoglobin? And Gene basis in cancer therapeutics, NORC (National Convention Research Convention), 11th August 2019

Lecture, Empowerment of girl child, Gender sensitization, IAP women wing AHA, Institute of Child Health Sir Gangaram, Delhi, 13th September 2019

Organizing secretary, Adolescent Health workshop, PCNI, Delhi, 2019

Moderator, Bringing Brain and Behavior together, Adolescent Health workshop, Delhi, 27th September 2019

Panelist, Dating in teens, PCNI, New Delhi, 28th September 2019

Talk, Adolescent Sexuality, FOGSI, Noida, 26th November 2019

Professional Societies' Positions

Member, executive board of IMA, Noida, since 2018

Member of task forces of Government of India or State Governments

Certified trainer, IAP national TOT for ALS MAP, since 2019

263. Dr Sonali Langar

Dermatology, Apollo Hospitals, Noida

Chapters contributed to text books

Dr Sonali Langar, Jessner's and Resorcinol Peels, Text Book - Chemical Peels: A Global Perspective, Chapter 14, Editor- Authors - Rashmi Sarkar, Wendy E Roberts, 1st edition, Jaypee Brother Publications, Page 86-95, 2019

Dr Sonali Langar, Special Scenario: Peels for Photoaging, Text Book - Chemical Peels: A Global Perspective, Chapter 31, Editor- Authors - Rashmi Sarkar, Wendy E Roberts, 1st edition, Jaypee Brother Publications, Page 239-247, 2019

Dr Sonali Langar, Inflammatory and infectious conditions, Dermoscopy in General Medicine, Editor- Aimilios Lallas, Enzo Errichetti, Dimitrios Loannides, 1st edition, CRC group, Taylor and Francis Group, Page 270-283, 2019

Lectures

Lecture, Tackling difficult encounters with patients, WODECON, 1st National Conference of Women Dermatologic Society of India, 31st March 2019

Lecture, Medium depth/Advanced Chemical Peels, ACSICON, 17th National Conference of the Association of Cutaneous Surgeons of India, Delhi, 20th April 2019

Lecture, To evaluate the safety and efficacy of oral Isotretinoin with Jessner's- 35% Trichloroacetic acid peel (Monheit Technique) for the treatment of acanthosis nigricans, 24th World Congress of Dermatology (WCD), International League of Dermatological Societies, Milan, Italy, 12th June 2019

Lecture, Post inflammatory Hyperpigmentation, How I treat, Cosdermindia, 23rd Annual Congress of the Cosmetic Dermatology Society of India, Mumbai, 2nd August 2019

Lecture, Combination chemical peels, Aesthetics 2019,

Delhi, 9th August 2019

Lecture, Introduction and overview of peel- Basics and classification, 7th Midterm Conference of Indian Association of Dermatology, venereology and Leprology, Mid Dermacon 2019, Patna, 25th August 2019

Lecture, Facial rejuvenation to be done or not in elderly, 2nd International Geriatric and aesthetic Dermatology Conference, 7th September 2019

Lecture, Anatomy of periorbital region and its applications, 4th Congress of the pigmentary disorders Society of India, Pigmentarycon 2019, Kolkata, 18th November 2019

Organising Secretary, 1st National Conference of Indian Women's Dermatologic Association, WODECON, 2019

Presentations

Poster Presentation, Evaluation of safety and efficacy of Croton oil free 8% phenol combination (CFPC) peels in darker skin patients of active acne on concomitant isotretinoin therapy, 24th World Congress of Dermatology (WCD), International League of Dermatological Societies, Milan, Italy, 12th June 2019

Professional Societies' Position

Vice President, Pigmentary Disorders Society of India, (PDS), since 2019

Pune

264. Dr Sanjay Bafna

Pediatric Surgery, Apollo Jehangir Hospital, Pune

Publications

Viswanathan R, Bafna S, Mergu R, Deshpande G, Gunjekar R, Gaikwad S, Mullick J, Direct Saliva Real-time Polymerase Chain Reaction Assay Shows Low Birth Prevalence of Congenital Cytomegalovirus Infection in Urban Western India, The Pediatric

Infectious Disease Journal, Vol. 38: Issue 4: Page e65-e68, April 2019

Secunderabad

265. Dr Amitav Ray

Neurosurgery, Apollo Hospitals, Secunderabad

Lectures

Speaker, European Society of Neurological Surgeons, Dublin, 27th September 2019

266. Dr Ashish Chauhan

Internal Medicine, Apollo Hospitals, Secunderabad

Publications

Dr Ashish Chauhan, Knowing All About Burns in Health Action, A National Monthly from HAFA, Vol. 32: Issue 7, July 2019

Seshadripuram

267. Dr J B Agadi

Neurology, Apollo Hospitals, Seshadripuram

Chapters contributed to text books

Dr J B Agadi, Women epilepsy and pregnancy, chapter 6, Hand book of epilepsy for Physicians, Editor- PV Rai, Edition-1, Jaypee Medical Publishers, Page 48 – 53, 2019

Dr J B Agadi, Recurrent AMSAN Variant of GBS- a rare entity, A clinicians Approach to Neurological Disorders, Springer Health care, 2019

Publications

Divya Nagabhushana, Praveen Kumar S, Jagadish B Agadi, Impact of epilepsy and anti-epileptic drugs on health and quality of life in Indian children, Epilepsy and Behavior, Vol. 93: Page 43-48, 1st April 2019

Jayanthi C R, Arjun Subhash, J B Agadi, Karthik N, Praveen A N, A comparative study of the efficacy and safety of sodium valproate versus magnesium

valproate in idiopathic generalised epilepsy, Int. J. of Res. in Pharmacology & Pharmacotherapeutics, Vol. 8: Issue 4: Page 545-553, December 2019

Presentations

Poster presentation, Riboflavin responsive lipid myopathy due to ETFDH gene mutation masquerading as myasthenia, Annual Conference of the Indian Academy of Neurology, Hyderabad, September 2019

Awards

Fellow, The American Academy of Neurology, 2019

268. Dr Sharath Kumar

Interventional Neuroradiology, Apollo Hospitals, Seshadripuram

Lectures

Faculty, Neurovascular Imaging of Carotids, Bangalore neurosonology update, Bangalore, 5th January 2019

Faculty, Neuroradiological update in CVA, KNAACON state level conference, Davengere, 27th January 2019

Faculty and Chairperson, 21st ISVIR annual congress, Goa, 7th – 11th March 2019

Conducted, Acute Stroke Interventional Work Shop, 2019

Faculty, Neuroimaging in acute stroke, CME on acute stroke, SSMC, Davengere, 15th August 2019

Faculty and chairperson, Neurovascular Update, Hyderabad, 3rd – 5th August 2019

Faculty, Neuroimaging in acute Pediatric stroke and "Imaging of demyelination, National Pediatric neurology conference, PJNMC, Raipur, 17th – 18th August 2019

Faculty, World Neuro Summit II, Gurgaon, 24th August 2019

Faculty, Southeast Asian neurovascular update, Shanghai, China, 27th – 30th August 2019

Talk, Viral Encephalitis in first Neuroupdate, Neurofoundation, Salem, 15th September 2019

Faculty, MASTERS 2019, Hyderabad, 9th – 10th November 2019

Faculty, First Neuro update, AIIMS, Jodhpur, 17th November 2019

Faculty and mentor, Stryker NEUROELITE, Bangalore, 24th November 2019

Faculty, MEDANTA-Neuroradiology update, Gurugram, 1st December 2019

Talk, Neuroinfections, IRIA- Karnataka state monthly meet, Karnataka, 27th December 2019

Professional Societies' Position

Executive committee member, Bangalore Neurological Society, since 2019

Founder member, ISVIR-Karnataka state chapter, since 2019

269. Dr Sujit Kumar

Neurology and Epileptology, Apollo Hospitals, Seshadripuram

Chapters contributed to text books

Dr Sujit Kumar, Drug Treatment: Choice of Antiepileptic Drugs, Chapter 12, Handbook on Epilepsy for Physicians (Indian Epilepsy Association), Editors- PV Rai, HV Srinivas, P Satishchandra, GT Subhas, 1st edition, Jaypee Brothers Publications, Page 99–106, 2019

Publications

S. Kumar, D Nayak, R M Rao, L K, A Kanagarajan, V P, Epilepsy surgery at or near eloquent cortex: Challenges, approaches and outcomes, Journal of the Neurological Sciences, Vol. 405: Issue 1: Page 22-23, 15th October 2019

Presentations

Presentation, Use of Intraoperative Ultrasound in Depth of Sulcus dysplasias- Platform, 27th Annual

Conference of Indian Academy of Neurology, Hyderabad, 3rd – 6th October 2019

Poster Presentation, Davangere: Gelastic Epilepsy; A report of 2 cases, Academy of Neurosciences Conference, Karnataka, January 2019

Poster Presentation, Lipid Myopathy- A case report, Indian Academy of Neurology, Hyderabad, 3rd – 6th October 2019

Lectures

Faculty, Conducted the quiz for DM residents from all over the country, Indian stroke association Conference, Ahmedabad, 15th March 2019

Talk, Eye in stroke in the Neuroophthalmology symposium, Indian Academy of Neurology, Hyderabad, 3rd – 6th October 2019

Talk, Unseen Eyes in the ICU, Karnataka Academy of Neurosciences conference 2019: Davangere, 26th - 27th January 2019

Presented, A case of Motor cortex Dysplasia, Investigated with Invasive Stereotactic EEG and operated successfully, NESSAN Conference, Delhi, August 2019

Teynampet

270. Dr Agrawal Harshal Nandlal

Neurosurgery, Apollo Cancer Institute, Teynampet

Presentations

Poster Presentation, Novel Factor for rupture of intracranial Aneurysms, January 2019

Poster Presentation, Brain Arteriovenous malformations – A comprehensive review of literature, January 2019

271. Dr Ajit Pai

Surgical Oncology, Apollo Cancer Institute, Teynampet

Professional Societies' Position

Member, Association of surgeons of India, since 2012

Member, Royal college of Surgeons of Edinburgh, since

2007

272. Dr Akshaya Rajanna

Radiation Oncology, Apollo Cancer Institute, Teynampet

Presentations

Presentation, SBRT for locally recurrent head and neck, inoperable, previously irradiated squamous cell carcinoma, March 2019

273. Dr Archana Lakshmanan

Histopathology, Apollo Cancer Institute, Teynampet

Publications

Duodenal Biopsy in the Evaluation of Chronic Diarrhoea in Immunosuppressed Patients from a Tertiary Care Center in Southern India, Journal of Clinical and Diagnostic Research, Vol. 13: Issue 3: Page EC24-EC27, March 2019

Archana Lakshmanan, Ann Kurian, Kumar Gubbala, Primary Bartholin's Gland Adenoid Cystic Carcinoma: Dilemmas Around Adjuvant Treatment, Indian Journal of Gynecologic Oncology, Vol17: Issue 77, 5th September 2019

274. Dr Ayyappan Srinivasan

Surgical Oncology, Apollo Cancer Institute, Teynampet

Lectures

Faculty, Cancer Conclave, Chennai, 25th–27th January 2019

Lecture, Skin Tumours, XXI Annual Rapid Review and Revision Course in General Surgery, Chennai, 28th February- 2nd March 2019

Faculty, Continuing Medical Education Programme, Auspices of The Tamilnadu Dr. M.G.R Medical University, Chennai, 2019

Faculty, Midterm Conference of ASI TN Chapter TN MIDASICON, Dindigul, 21st April 2019

Faculty, International College of Surgeons, India Section – South Zone Conference of ICSISCON 19 SZ,

Madurai, 15th – 16th June 2019

Conducted a workshop, 10thHands on Cadaver Lap Colorectal Workshop, Ramaiah Advanced Learning Center, Bangalore, 13th – 14th July 2019

Professional Societies' Position

Member, Associations of surgeons of India

Member, Indian Association of surgical Oncologist (IASO)

Member, Indian Medical Association, (IMA)

Member, Founder Member of Chennai City Surgical Oncologist Society

Member, Association of Colo Rectal Surgeons of India, (ACRSI)

Founder Member of Tamilnadu Association of Surgical Oncologist, (TASO)

Member, Indian Society of Peritoneal Surface Malignancies, (ISPSM)

Member, Society of Peritoneal Surface Oncology of India, (SPSOI)

Inspector, National Board of Examination

275. Dr Bhagwan Motiram Aage

Neurosurgery, Apollo Cancer Institute, Teynampet

Publications

Aage BM, Temkar P, Chemate S, Mangaleswaran B, Co-Existence of Atypical Meningioma, Intratumoral Lipometaplasia and Extensive Hyperostosis of Calvarium: A Rare Entity, Vol. 11: Issue 1: Page 100001, January 2019

276. Dr Kannan S

Head and Neck and Skull Base Surgery, Apollo Cancer Institute, Teynampet

Lectures

Talks, Concepts and Consensus in the management of

Thyroid cancers, Association of Otolaryngologists of India, Chennai, 19th May 2019

277. Dr Kumar Gubbala

Gynecological Surgical Oncology, Apollo Cancer Institute, Teynampet

Publications

Mekala Lakshminarayanan, Ann Kurian, Kumar Gubbala, Sertoliform Endometrioid Carcinoma of the Ovary in a Young Woman: Diagnostic Challenges for the Pathologist, Indian Journal of Gynecologic Oncology, Vol. 18: Issue 9, 29th November 2019

278. Dr M R Kesavan

Pediatrics Hemato Oncology, Apollo Cancer Institute, Teynampet

Presentations

Poster Presentation, Excellent Outcomes with Minimal Long-Term Toxicities among Children with Leukaemia Following Total Body Irradiation-Based Conditioning Regimen, February 2019

Poster Presentation, Malignancies Post-Haematopoietic Stem Cell Transplantation in Children with Fanconi Anaemia, February 2019

279. Dr Mahadev Potharaju

Radiation Oncology, Apollo Cancer Institute, Teynampet

Publications

Potharaju M, Mathavan A, Mangaleswaran B, Ghosh S, John R, Delay in adjuvant chemoradiation impacts survival outcome in glioblastoma multiforme patients, Vol. 59: Issue 3: Page 320-323, 1st October 2019

Potharaju M, Mathavan A, Mangaleswaran B, Patil S, John R, Ghosh S, Kalavakonda C, Ghosh M, Verma RS, Clinicopathological Analysis of HIF-1alpha and TERT on Survival Outcome in Glioblastoma Patients: A Prospective, Single Institution Study, J Cancer, Vol. 10: Issue 11: Page 2397-2406, 26th May 2019

280. Dr Narasimhan Ragavan

Uro Oncology, Apollo Cancer Institute, Teynampet

Publications

Narasimhan Ragavan, Kunal Dholakia, Jegadish Baskaran, Malarvizhi Ramesh, Day-case laparoscopic nephrectomy: Feasibility and safety, Journal of Clinical Urology, Vol. 12: Issue 6: Page 466-469, 7th June 2019

281. Dr Naveen Padmanabhan

Surgical Oncology, Apollo Cancer Institute, Teynampet

Publications

Padmanabhan N, Ahmed S, Kurian A, Ravishankar P, Unusual and Aggressive Cause of Gall Bladder Mass-Neuroendocrine Tumor, J Gastrointest Cancer, Vol. 51: Issue 1: Page 307-310, April 2019

Presentations

Video Presentation, Useful technique for Stoma Construction Peritoneal carcinomatosis patients, 40th Indian Cooperative Oncology Network (ICON) National Conference, Kolkata, 28th-31st March 2019

Poster presentation, Useful technique for Stoma Construction Peritoneal carcinomatosis patients, 3rd Peritoneal Surface Malignancy Conference, Singapore, 27th -28th June 2019

Video Presentation, Nerve directed Robotic Total Mesorectal Excision (TME) and Demonstration of Pelvic Nerves Anatomy in Rectal Cancer Surgery, Annual Conference of Indian Association of Surgical Oncology (IASO-NATCON 2019), Kolkata, 20th -22nd September 2019

Video Presentation, Preserving Hypogastric plexus during High ligation of Inferior mesenteric artery in Total mesorectal excision, Annual Conference of Indian Association of Surgical Oncology (IASO-NATCON 2019), Kolkata, 20th -22nd September 2019

Video Presentation, Diversion technique in malignant bowel Obstruction, Annual Conference of Indian Association of Surgical Oncology (IASO-NATCON

2019), Kolkata, 20th -22nd September 2019

e-Video Presentation, End-Loop technique of stoma construction in Peritoneal carcinomatosis, National Conference of Indian Association of Surgical Gastroenterology (IASGCON), New Delhi, 9th -13th October 2019

e-Video Presentation, Demonstration of Total Anterior Parietal Peritonectomy, National Conference of Indian Association of Surgical Gastroenterology (IASGCON), New Delhi, 9th -13th October 2019

e-Video Presentation, Robot Assisted Extra-Mesorectal Excision of Retro-Rectal Tumor, National Conference of Indian Association of Surgical Gastroenterology (IASGCON), New Delhi, 9th -13th October 2019

e-Video Presentation, Nerve directed Robotic Total Mesorectal Excision (TME) and Demonstration of Pelvic Nerves Anatomy in Rectal Cancer Surgery, National Conference of Indian Association of Surgical Gastroenterology (IASGCON), New Delhi, 9th-13th October 2019

Award Video Presentation, High Ligation of Inferior Mesenteric artery in Total mesorectal excision – Robotic Demonstration of technique and Tips for autonomic nerve preservation, National Conference of Indian Association of Surgical Gastroenterology (IASGCON), New Delhi, 9th -13th October 2019

282. Dr Nikila Ravichandran

Pediatrics Hemato Oncology, Apollo Cancer Institute, Teynampet

Presentations

Poster Presentation, Peripheral T-cell Lymphoma (PTCL) in Children and Adolescents – A Single Centre Experience, PHOCON, March 2019

Publications

Lakshman Vaidhyanathan, Venkateswaran Vellaichamy Swaminathan, Ramya Uppuluri, Shivani Patel, Meena Sivashankaran, Nikila Ravichandran,

Kesavan Melarcode Ramanan, Balasubramaniam Ramakrishnan, Revathi Raj, Safety and efficacy of fresh whole blood donor lymphocyte infusion in children, Bone Marrow Transplantation, Vol. 54: Page 1892–1897, 31st May 2019

Ravichandran N, Uppuluri R, V Swaminathan V, Patel S, M Ramanan K, Jayakumar I, Ramakrishnan B, Raj R, FLAG With Bortezomib in Childhood Relapsed/Refractory Leukemia: Remission Induction With Limited Toxicity in the Era of Multidrug-resistant Bacteria, J Pediatr Hematol Oncol, doi: 10.1097/MPH.0000000000001644, 29th October 2019

283. Dr Ramya Uppuluri

Pediatrics Hemato Oncology and Blood and Marrow Transplantation, Apollo Cancer Institute, Teynampet

Publications

Uppuluri R, Sivasankaran M, Patel S, Swaminathan VV, Ramanan KM, Ravichandran N, Ramakrishnan B, Jayakumar I, Vaidhyanathan L, Raj R, Haploidentical Stem Cell Transplantation with Post-Transplant Cyclophosphamide for Primary Immune Deficiency Disorders in Children: Challenges and Outcome from a Tertiary Care Center in South India, J Clin Immunol, Vol. 39: Issue 2: Page 182-187, February 2019

Uppuluri R, Jayaraman D, Sivasankaran M, Patel S, Vellaichamy Swaminathan V, Raj R, Successful Treatment of Relapsed Isolated Extraocular Retinoblastoma in the Right Fibula With High-dose Chemotherapy and Autologous Stem Cell Transplantation, J Pediatr Hematol Oncol, Vol. 41: Issue 5: Page 402-403, July 2019

Uppuluri R, Sivasankaran M, Patel S, Swaminathan VV, Ravichandran N, Ramanan KM, Vaidhyanathan L, Ramakrishnan B, Jayakumar I, Raj R, Haploidentical Stem Cell Transplantation in Children with Benign Disorders: Improved Survival and Cost-Effective Care Over 15 Years from a Single Center in India, Indian J Hematol Blood Transfus, Vol. 35: Issue 3: Page 426-

430, July 2019

Ravichandran N, Uppuluri R, V Swaminathan V, Patel S, M Ramanan K, Jayakumar I, Ramakrishnan B, Raj R, FLAG With Bortezomib in Childhood Relapsed/Refractory Leukemia: Remission Induction With Limited Toxicity in the Era of Multidrug-resistant Bacteria, J Pediatr Hematol Oncol, doi: 10.1097/MPH.0000000000001644, 29th October 2019

Ramanan KM, Uppuluri R, Ravichandran N, Patel S, Swaminathan VV, Jayakumar I, Raj R, Successful remission induction in refractory familial hemophagocytic lymphohistiocytosis with ruxolitinib as a bridge to hematopoietic stem cell transplantation, Pediatr Blood Cancer, Vol. 67: Issue 3: Page e28071, 25th November 2019

Vellaichamy Swaminathan V, Uppuluri R, Patel S, Melarcode Ramanan K, Ravichandran N, Jayakumar I, Vaidhyanathan L, Raj R, Treosulfan-based reduced toxicity hematopoietic stem cell transplantation in X-linked agammaglobulinemia: A cost-effective alternative to long-term immunoglobulin replacement in developing countries, Pediatr Transplant, Vol. 24: Issue 1: Page e13625, 10 December 2019

Venkateswaran Vellaichamy Swaminathan, Ramya Uppuluri, Shivani Patel, Meena Sivashankaran, Nikila Ravichandran, Kesavan Melarcode Ramanan, Balasubramaniam Ramakrishnan, Lakshman Vaidhyanathan, Revathi Raj, Safety and efficacy of fresh whole blood donor lymphocyte infusion in children, Bone Marrow Transplantation, Vol. 54: Issue 9: Page1892–1897, 31 May 2019

284. Dr Rayappa C

Head and Neck and Skull Base Surgery, Apollo Cancer Institute, Teynampet

Lectures

Conquering Skull Base in Head and Neck cancers, Association of Otolaryngologists of India, Chennai, 19th May 2019

285. Dr Revathi Raj

Hematology, Oncology and Blood and Marrow Transplantation, Apollo Cancer Institute, Teynampet

Publications

Lakshman Vaidhyanathan, Venkateswaran Vellaichamy Swaminathan, Ramya Uppuluri, Shivani Patel, Meena Sivashankaran, Nikila Ravichandran, Kesavan Melarcode Ramanan, Balasubramaniam Ramakrishnan, Revathi Raj, Safety and efficacy of fresh whole blood donor lymphocyte infusion in children, Bone Marrow Transplantation, Vol. 54: Page 1892-1897, 31st May 2019

Ravichandran N, Uppuluri R, V Swaminathan V, Patel S, M Ramanan K, Jayakumar I, Ramakrishnan B, Raj R, FLAG With Bortezomib in Childhood Relapsed/Refractory Leukemia: Remission Induction With Limited Toxicity in the Era of Multidrug-resistant Bacteria, J Pediatr Hematol Oncol, doi: 10.1097/MPH.0000000000001644, 29th October 2019

Uppuluri R, Jayaraman D, Sivasankaran M, Patel S, Vellaichamy Swaminathan V, Raj R, Successful Treatment of Relapsed Isolated Extraocular Retinoblastoma in the Right Fibula With High-dose Chemotherapy and Autologous Stem Cell Transplantation, J Pediatr Hematol Oncol, Vol. 41: Issue 5: Page 402-403, July 2019

286. Dr Sachin Sambhaji Chemate

Neurosurgery, Apollo Cancer Institute, Teynampet

Publications

Chemate Sachin Sambhaji, Chandrasekar K, Shankar Ganesh CV, Sushma Patil, Prasad Temkar, Harshal Agrawal, Bahatheesh Sugathan, Ratnika Joshi, Bhagwan Aage, Mayank Nakipuriya, Hariharasuthan P, Mangaleswaran Balamurugan, Pediatric supratentorial extraventricular cortical ependymoma: A report of rare case with literature review, Vol. 2: Issue 1: Page 12-15, 2019

Sachin Sambhaji Chemate, Joy Varghese,

Chandrasekar K, Shankar Ganesh CV, Mangaleswaran Balamurugan, Jugular foramen lesion diagnostic dilemma – schwannoma or paraganglioma: A case report, Indonesian Journal of Neurosurgery, Vol. 2: Issue 3: Page 76-79, 1st December 2019

287. Dr Sanjay Chandrasekhar

Radiation Oncology, Apollo Cancer Institute, Teynampet

Orations

Impact of Technology in Radiation Oncology - a 30 year perspective, Dr Ida B Scudder Oration, Annual AROI TN PY conference, Thekkady, Kerala, 27th – 28th September 2019

288. Dr Sathyasree

Radiology and image and science, Apollo Cancer Institute, Teynampet

Presentations

Poster Presentation, Contrast mammography as a problem solving tool -our initial experience, BISICON, 7th Annual Conference of Breast Imaging society of India, Hyderabad, 15th -17th November 2019

Oral Presentation, Innovating Targeting -innovation opportunities do not come with the tempest but with the rustling of the breeze, BISICON, 7th Annual Conference of Breast Imaging society of India, Hyderabad, 15th -17th November 2019

289. Dr Srinivasan Ananth

General Medicine, Apollo Cancer Institute, Teynampet

Examinership

Examiner, FRCS Ophthalmology part 3 exam, 18th June 2019

290. Dr Sriprakash Duraiswamy

Head and Neck and Skull Base Surgery, Apollo Cancer Institute, Teynampet

Lectures

Guidelines in the Management of Advanced laryngeal

and hypopharyngeal cancers, Association of Otolaryngologists of India, Chennai, 19th May 2019

291. Dr V Raghavan

Ophthalmology, Apollo Cancer Institute, Teynampet

Publications

Agarwal A, Raghavan V, Rathnadevi R, Rishi P, Treatment of circumscribed choroidal hemangioma using CyberKnife: A viable alternative, Indian J Ophthalmol, Vol. 67: Issue 5: Page 704-706, May 2019

292. Dr Venkateswaran V S

Pediatric Hemato-Oncology and Blood and Marrow Transplantation, Apollo Cancer Institute, Teynampet

Publications

Venkateswaran Vellaichamy Swaminathan, Ramya Uppuluri, Shivani Patel, Meena Sivashankaran, Nikila Ravichandran, Kesavan Melarcode Ramanan, Balasubramaniam Ramakrishnan, Lakshman Vaidhyanathan, Revathi Raj, Safety and efficacy of fresh whole blood donor lymphocyte infusion in children, Bone Marrow Transplantation, Vol. 54: Issue 9: Page 1892-1897, 31 May 2019

Vellaichamy Swaminathan V, Uppuluri R, Patel S, Melarcode Ramanan K, Ravichandran N, Jayakumar I, Vaidhyanathan L, Raj R, Treosulfan-based reduced toxicity hematopoietic stem cell transplantation in X-linked agammaglobulinemia: A cost-effective alternative to long-term immunoglobulin replacement in developing countries, Pediatr Transplant, Vol. 24: Issue 1: Page e13625, 10 December 2019

293. Dr Vigneshwara B

Spine Surgery, Apollo Cancer Institute, Teynampet

Presentations

Paper Presentation, Side bending radiograph VS traction radiographs, Japanese scoliosis society, 53rd Annual Meet, Japan, takasaki, 8th-9th November 2019

Paper Presentation, Unilateral TLIF our experience of 4 years with the procedure, Japanese scoliosis society, 53rd Annual Meet, Japan, takasaki, 8th-9th November 2019

Awards

English Paper Award, Japanese scoliosis society, 53rd Annual Meet, Japan, takasaki, 8th-9th November 2019

Trichy

294. Dr Karthik Senthilvel

Diagnostic Radiology, Apollo Hospitals, Trichy

Lectures

Talk, Principles of Doppler ultrasound in obstetrics, Master class in antenatal ultrasound, Trichy fetal medicine centre, Trichy, 6th October 2019

Panelist, Interesting case discussion in national fetal radiology program, (SAMRAKSHAM), Trichy IRIA subchapter, Trichy, 16th November 2019

Professional Societies' Position

Member, Indian Radiological and Imaging association

Member, Society of Fetal Medicine

Member, Indian Medical Association, Trichy

Vanagaram

295. Dr R Dhananjayan

Biochemistry, Apollo Speciality Hospitals, Vanagaram

Publications

Dhananjayan R, Association of Xenobiotic Genetic Variants with oxidative stress in Type 2 Diabetes Mellitus, European Journal of Biomedical and Pharmaceutical Sciences, Vol. 6: Issue 4, Page 412-415, 2019

Dhananjayan R, Type 2 Diabetes Mellitus and its associated Risk Factors, European Journal of

Biomedical and Pharmaceutical Sciences, Vol. 6: Issue 2: Page 229-232, 2019

Dhananjayan R, Biochemistry of vitamin B12 and Active Vitamin B12 – An Update, European Journal of Biomedical and Pharmaceutical Sciences, Vol. 6: Issue 3: Page 209-212, 2019

Lectures

Faculty, Conference on What's New in Oncology, The Residency Towers, The Association of Freedom from Cancer, Chennai, 21st December 2019

Speaker, Velammal Healthcare Innovation Awards, Madurai, 16th November 2019

Talk, Benefits and Pitfalls of POCT and How to Evaluate it?, Velammal Healthcare Innovation Awards, Madurai, 16th November 2019

International Speaker, Asia Pacific Conference, Bangkok, Thailand, 4th – 5th November 2019

Talk, Immunoassay and Thyroid Diagnosis, Asia Pacific Conference, Bangkok, Thailand, 4th – 5th November 2019

Speaker, AIDER Annual Meet on Vitamin D and Diabetes Mellitus, Chennai, 3rd November 2019

Speaker, Saveetha Dental College, Saveetha University, Chennai, 19th October 2019

Guest lecture, Diabetes Mellitus – The Current Scenario, Saveetha Dental College, Saveetha University, Chennai, 19th October 2019

Speaker, Immunoassay Testing, Continuing Laboratory Professional Education Programme, Hotel Taj Coromandel, Chennai, 7th September 2019

Speaker, Seminar at Medical Expo, Trade Centre, Chennai, 26th July 2019

Talk, Lean and Six Sigma in Laboratory Medicine, Seminar at Medical Expo, Trade Centre, Chennai, 26th July 2019

Speaker, Seminar on Decoding Point of Care Testing (POCT), Chennai, 26 April 2019

Talk, Introduction to POCT and Emerging Technology, Chennai, 26th April 2019

296. Dr Thayumanavan L

Gastroenterology, Apollo Speciality Hospitals, Vanagaram

Publications

Thayumanvan L, Tarakeshwari M and Muthukumaran, PPI – Their use and Abuse, TAPI Journal, Vol. 11: Issue 1, January – April 2019

Vizag

297. Dr BVRN Varma

Orthopaedics, Apollo Hospitals, Vizag

Professional Societies' Position

Secretary, North Andhra Orthopaedic Association, since 2019

298. Dr Dibya Kumar Baruah

Cardiology, Apollo Hospitals, Vizag

Publications

Baruah DK, Panigrahi NK and Baruah N, Clinical Outcomes of Rotational Atherectomy in Calcified Coronary Artery Lesions in Drug-Eluting Stent Era: A Single Centre Experience, Interventional Cardiology Journal, Vol. 4: Issue 3: Page 7, 2019

Lectures

Panelist, Intracoronary imaging during PCI for ACS: cases where OCT did help a lot, EUROPCR Conference Paris, France, 22nd May 2019

Presentations

Presented, Thrombus horribilis, EUROPCR Conference Paris, France, 22nd May 2019

299. Dr Muralidhar Nambada

Surgical Gastroenterology, Apollo Hospitals, Vizag

Editorial Boards Membership

Reviewer, Journal of Pancreas, since 2018

300. Dr Ravi Kumar Varma

Radiology, Apollo Hospitals, Vizag

Professional Societies' Position

President, Indian Radiological and Imaging Association (IRIA), AP Chapter, since 2019

