

5th Apollo Annual Proton Practicum

7th & 8th Feb 2025

**Transforming Care in Thoraco-Abdominal Cancers:
The Untapped Potential of Modern Proton Beam Therapy**



📍 **Apollo Proton Cancer Centre, Chennai**

To Register : [Click Here](#)



Dr. Prathap C Reddy
Annual Proton Oration 2025

Dr. Alejandro Mazal

Technical Director & Head of Medical Physics

Fundacion Quironsalud -
Centro de Protonterapia Quirónsalud



Dr. Alejandro Mazal is a prominent figure in the field of medical physics, currently serving as the head of medical physics and R & D at Centro Protonterapia QuironSalud, Madrid, Spain. With a robust background in particle therapy, Dr. Mazal has made significant contributions to the advancement of proton and other particle therapies for cancer treatment. His expertise has been recognized through various important positions, including Chairmanship of the world's largest professional body of particle therapy experts- PTCOG, technical director for medical physics and engineering at Orsay Proton therapy centre.

Dr. Mazal is also actively involved in research aimed at optimizing treatment plans and enhancing the precision of particle therapies, making a lasting impact on patient outcomes. His dedication to innovation and excellence has positioned him as a key leader in the evolution of cutting-edge cancer treatment modalities.

International Faculty



Dr. Jason Molitoris
Univeristy of Maryland
Baltimore



Dr. Michael Chuong
Miami Cancer Institute
Florida



Dr. Jennifer Wo
Associate Program Director,
Harvard Radiation Oncology
Residency Program



Dr. Pranshu Mohindra
University Hospitals
Cleveland Medical Center,
Cleveland



Dr. Steven H Lin
MD Anderson Cancer Centre



Dr. Krishan R Jethwa
Mayo Clinic, Rochester



Dr. Charles B Simone
New York Proton Centre



Dr. Norihiro Aibe
Kyoto Prefectural University
of Medicine (KPUM)



Dr. Camilla Kronborg
Danish Centre for
Particle Therapy



Dr. Joe Chang
MD Anderson Cancer Centre



Dr. Archana Sharma
Principal Scientist, Senior
Advisor International Relations
CERN



Dr. Richard Amos
Associate Professor -
University College London



Dr. Sandro Rossi
Director General
Fondazione CNAO, Italy

WHAT WILL YOU LEARN?

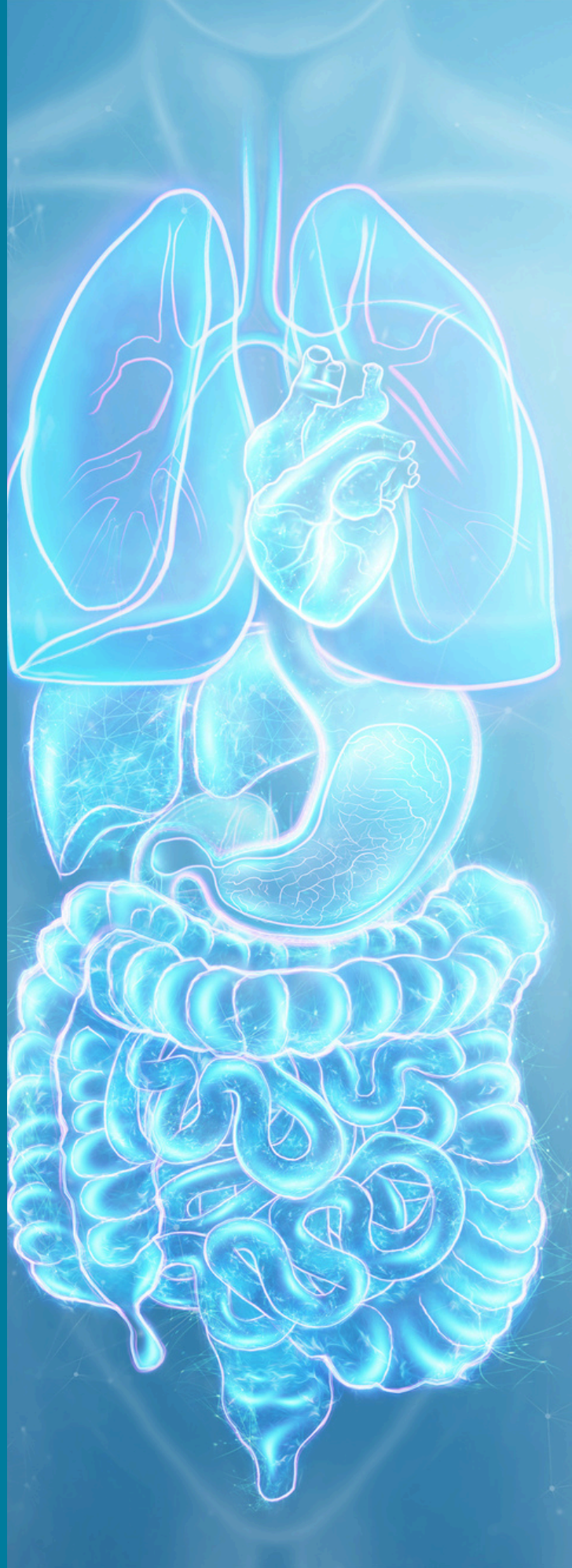
- Practical nuances of proton beam therapy treatment and workflow.
- Clinical examples and evidence behind proton therapy for Thoracic and Gastrointestinal and Hepatopancreatobiliary Tumours.

WHAT WILL WE COVER?

- Refresher in physics and radiobiology of proton beam therapy
- Thoracic and Gastrointestinal and Hepatopancreatobiliary Tumours proton therapy clinical evidence and experience from some of the world's finest centres
- Evidence generation in proton beam therapy
- Newer advances in proton beam therapy technology such as Flash therapy, aperture-based planning, LET/RBE evaluation & optimization

PRACTICAL DEMONSTRATION

- Sub-site wise practical demonstration of intricacies of simulation, margin recipes, class solutions, planning, plan evaluation, implementation including protocols for image guidance, adaptive therapy, quality assurance, etc related to proton beam therapy planning of Thoracic and Gastrointestinal and Hepatopancreatobiliary Tumours.
- Physical participants will have an opportunity of hands on experience with nuances of proton therapy workflow





CHIEF PATRON
DR. PRATHAP C. REDDY



PATRON
DR. PREETHA REDDY



PATRON
MR. DINESH MADHAVAN



PATRON
MR. HARSHAD REDDY



COURSE DIRECTOR
DR. RAKESH JALALI



CHAIR SCIENTIFIC COMMITTEE
DR. SAPNA NANGIA



CHAIR SCIENTIFIC COMMITTEE
DR. DAYANANDA SHARMA



PROGRAMME DIRECTOR
DR. SRINIVAS CHILUKURI



ORGANIZING SECRETARY
DR. ASHU ABHISHEK



MEETING COORDINATOR
DR. UDAY KRISHNA



MEETING COORDINATOR
DR. SHAM SUNDAR



CHIEF OPERATING OFFICER
MR. KARAN PURI

APCC Team:

Radiation Oncology: Nagarjuna Burela, Preethi Subramaniam, Anupama Reddy, Patrick Joshua, Ramakrishna Kamath, Jince

Medical Physics: Ganapathy Krishnan, Manikandan Arjunan, Sanjeeb Gayen, Mahmood Suhail, Aishwarya G, Gaganpreet Singh, Rangasamy S, Rajesh

Radiation Therapists: Manoj Wakde, Minnal Mookaiah, Dhilipkumar Rajan, Ashok Reddy, V. Balaji Reddy, Vijay Thiyagarajan, Karthekeyan S

Faculty & Delegate Co-ordination: Prashant Pati, Malavika Mohan

International Marketing: Dr. Karthik Anantharaman, Bhavani Shankar, Subhabrata Basu, Shivjit Shetty, Shayeebuddin Ahmed, Sheena Nambiar, Dr. Perunchittaran Kannan

National Marketing: Narasimhan, Ravi Gupta, Ajeet kumar, Vishal, Anand Babu

Marcom: Preetam, Jayasankar, Ashwin, Pavani Reddy, Ashly

Event Manager: Marundeshwara Team

Please scan here for registration.



proton.apollohospitals.com

Please scan here to learn more about proton beam therapy.





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