



## Impact of COVID in Urology Patients

### Dr. K. Ramesh

M.S (Gen Surg), FRCS (Glas), DNB (Urology),  
FEBU (Fellow of European Board of Urology),  
**Senior Consultant Urologist & Robotic Surgeon,**  
Apollo Main Hospitals, Chennai.

## Impact of COVID in Urology Patients

44 year old female patient from Chennai had chronic retention of urine with recurrent urinary tract infection. She underwent a Urodynamic Study which showed atonic bladder. Her MRI of the spine showed no neurological lesion. She had no trauma. Following catheterization her renal function returned to normal. She was diagnosed to have Fowler's Syndrome and advised intermittent clean catheterization. She was managing well self catheterization.

Following COVID she stopped doing self catheterization and did not come for follow up. She came back for follow up after 3 years. Her serum creatinine was 3.6 and USG KUB showed trebeculated bladder and hydroureteronephrosis. She also had urinary tract infection which was treated with antibiotics. She underwent cystoscopy, urethral dilatation and retrograde pyelogram and insertion of DJ stent and Foleys catheter.

Retrograde Pyelogram shows severely dilated tortuous ureter with gross hydroureteronephrosis. Following DJ stenting and catheterization her renal function shows downward trend.

Her catheter was removed and advised self catheterization and anti cholinergic medication. Stent removal after serum creatinine reaches nadir.

### Apollo Hospitals

Greaves Lane, Greaves Road, Chennai – 600006.  
Email: [infochennai@apollohospitals.com](mailto:infochennai@apollohospitals.com)