

MCh Urology

**Colour Coding**  
Global GREEN  
Regional BLUE  
National ORANGE  
Local (State) PINK

### **Residency Programme:**

The department has three years residency programme to award M.Ch. degree. The department was taking 2 candidates every year from 1989, but since 2004 we are taking 4 candidates every year in the month of July. From 2017, these trainees are selected based on their ranks in the National Entrance and Eligibility Test (NEET). The selected trainees undergo a structured training programme in all the aspects of Urology & Renal Transplantation. Each trainee is expected to have a minimum of two publications and must undergo two major instructional courses (Foundation Course and Bio-statistics) and 4 minor instructional courses (covering diverse areas such as animal experimentation & laboratory and information technology, etc.).

### **Post Doctoral Fellowship in Renal Transplantation:**

We are running Post Doctoral Fellowship in Renal Transplantation where post M.Ch/DNB candidate work for one year exclusively in renal transplantation & surgical aspect of chronic renal diseases. Till now we have trained eighteen candidates of different institutions.

### **Post Doctoral Fellowship in Pediatric Urology:**

We are running Post Doctoral Fellowship in Pediatric urology where post M.Ch/DNB Urology or Paediatric Surgery candidates work for one year exclusively in pediatric urology. Till now we have trained five candidates of different institutions.



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Needs: Local : Pink, National : Orange, Regional: light blue, International : green

### Syllabus

It will cover wide spectrum of the diseases of urogenital system & retroperitorium. Apart from the clinical aspect of these subjects, candidate has to acquire indepth knowledge of the related basic subjects

like applied; anatomy; embryology, physiology; biochemistry, pharmacology; pathology, microbiology epidemiology, immunology etc.

1. Anatomy and Embryology of GU tracts, adrenal & retroperitoneum.
2. Applied physiology and biochemistry pertaining to Urology, Nephrology, renal transplantation and renovascular hypertension.
3. Investigative urology & Genito-urinary radiology and imaging including nuclear medicine.
4. Male Infertility, Andrology and Urological endocrinology.
5. Sexual dysfunction- investigations and management.
6. Perioperative care, management of urological complications and care of the critically ill patients.
7. Urodynamics and Neurology.
8. Genito-urinary trauma.
9. Urolithiasis-Medical, Biochemical & Surgical aspects.
10. Uro-oncology-Adult & Paediatric
11. Reconstructive Urology.
12. Paediatric Urology-congenital malformations and acquired diseases.
13. Urinary tract infections and sexually transmitted diseases.
14. Obstructive Uropathy.
15. Renal transplantation (including transplant immunology medical & surgical aspects).
16. Renovascular Hypertension.
17. Gynaecological urology.
18. Newer developments in urology.
19. Operative Urology-open & endoscopic
20. Endourology
21. Behavioural and social aspects of urology.
22. Neonatal problems in Urology.
23. Electrocoagulation, lasers, fibre optics, instruments, catheters, endoscopes etc.
24. Retroperitoneal Diseases & Management.
25. Medical aspects of the kidney diseases.
26. Laparoscopic Urologic Surgery.



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### List of books and journals

S.No	Book	Author
1	Essentials of Urology	Corriere
2.	Scientific basis of Urology	Mundy
3.	Pediatric Urology	Kelalis and King
4	Pediatric Urology	Whitaker
5	Pediatric Urology	John P. Gearhart & Richard C Rink
6	Clinical Pediatric Urology	Belman & King
7	Cambell Urology (3 Vol)	Walch
8	Genitourinary Cancer Manager	Backermon & Paulson
9	Current Urologic Therapy	Kaufman
10	Urologic Surgery	Glenn
11	Recent advances in Urology (Vol 4)	Hendry
12	Techniques in Endourology	Clayman
13	Urology endoscopy	Baglay
14	Extracorporeal shock wave lithotripsy	Gravenstein
15	Transurethral Surgery	Maurmayer
16	Obstructive Uropathy	O'Reilly
17	Current Trends in Urology -3	Resnic
18	Reproductive infertility Microsurgery in male & female	Silber
19	Lasers in Urologic surgery	Smith
20	Internal Surgery	Wikham
21	Stone disease	Rous
22	Year book of Urology	Gillenwater 1985-88
23	Endourology	Carson
24	Current Therapy of Infertility	Garcia
25	Incontinence and its Management	Mandelstam
27	Urogenital trauma	Macaninch
28	Whitefield & Hendry Text book of Urology	2 Vol.1986
29	Genitourinary cancer	Skinner
30	Bladder cancer	Zingg
31	Urinary system	Jones
32	Urolithiasis	Joachim
33	Urinary diversion	Ashken
34	Deduction, Prevention and Management of urinary tract infection	Kunin
35	Replacement of renal function by dialysis	Drukker
36	Transurement surgery	Maurmayer

37	Emmstts Clinical Urography (Vol. 1,2,3)	Witten
38	Urolithiasis Etiology diagnosis	Schneider
39	Genitourinary surgery	Whitfield, Duckett et al
40	Diagnostic techniques in urology	O'Reily et al
41	Laparoscopy in Urology	Coptcoat & Joyee
42	Stone surgery	Marberger, Fitzpatrick
43	Surgical management of urology disease: An anatomic approach	Droller
44	State of the art : ESWL	Kandel, Harrison,McGullough
45	Difficult diagnosis in urology	McCullough
46	Atlas of Urological surgery	Hinman
47	Practical Neurourology	Chancellor & Blaivas
48	Congenital malformations of urinary tract	Stephens
49	Lecture notes on urology	Blandy
50	Female urology	Kirsch, McGuire
51	Pediatric & adult reconstructive urologic surgery	Libertino
52	Urinary incontinence	Dat.D.O'Donoll
53	Urogynaecology & urodynamics	Ostergard & Bent
<b>Transplantation</b>		
1	Kidney transplantation (2 <sup>nd</sup> Ed)	Morris
2	Renal Transplantation	Garovoy & Cuttman
3	Vascular Assess in haemodialysis (2 <sup>nd</sup> Ed)	Bell et al
4	Principles & Practice of dialysis	Henrich
<b>Investigative Nephro-urology</b>		
1.	Urinary sediments & urinalysis	Stamey
2	Urodynamics Principles Practice & Application	Mundy
3	Surgical Pathology & Imaging of Urologic disease	Javadpour
4	Interpretation of prostate biopsies	Brawn
5	Interpretation of bladder biopsies	Brawn
<b>Books for Nurses &amp; Technicians</b>		
1.	Nurses clinical library: Renal & Urologic	
2	Introduction to dialysis	Cogan
<b>Journals</b>		
1	Journal of Urology	
2	British journal of Urology	
3	World Journal of Urology	
5	Indian Journal of Urology	
6	Transplantation	
7	Transplant proceedings	
8	Journal of Pediatric Urology	
9	European Urology	
10	Investigative Urology	
11	Nephrology, Dialysis, Transplantation	
12	Kidney international	
13	Scandinavian J of Urology & Nephrology	
14	Molecular Urology	

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15	Urology	
16	Clinical Transplantation	
<b>Periodicals</b>		
1	Urological Clinic of North America	
2	Seminars in Urology	
3	Seminars in Urology oncology	
4	Seminars in dialysis	



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