

M.S. Ramaiah University of Applied Sciences

New BEL Road, MSR Nagar, Bangalore – 560054



**RAMAIAH
UNIVERSITY**
OF APPLIED SCIENCES

PO, PSO & CO

Programme: M.CH Urology

Programme Code: 156

Programme Outcome (PO)

Programme Specific Outcome (PSO)

Course Outcomes (CO)

Shalini

Principal and Dean

M.S. Ramaiah Medical College and Hospital
Ramaiah University of Applied Sciences

Bangalore-560054



Ramaiah Medical College (RMC)

Programme Outcomes

Post Graduate Programme: M.CH Urology

Programme objectives (PO) for M.CH Urology Postgraduate students
At the end of the program the postgraduate students should

- PO1. Develop the knowledge, skills and attitude to be a competent Urologist.
- PO2. Demonstrate a commitment to excellence and continuous professional development with integrity. To be compassionate and sensitive to patient care.
- PO3. To be able to acquire and develop the knowledge, skills and attitude required to be a competent Urologist and ethical researcher and teacher.
- PO4. To be able to independently perform surgical procedures applicable to Urology with a great degree of professionalism and competence.

Programme Specific Outcomes (PSOs)

Programme specific outcome (PSO) for M.CH Urology Postgraduate students

- PSO1. To acquire skills in proper history taking, clinical examination and relevant investigations.
- PSO2. To be able to advise specific investigations like Uroflowmetry, Ultrasound, CT scan, MRI and Doppler studies and their correct interpretation and diagnosis
- PSO3. To be able to handle urological equipments like endo-urology, laparoscopic and other basic urology instruments.
- PSO4. To be able to teach and assess undergraduates and broad specialty surgical postgraduates with the help of senior surgeons and also be able to conduct fundamental research activities independently or as a team member.
- PSO5. To apply skills learnt in the advanced learning center for patient care, application of principles of professionalism, ethics and effective communication in the conduct of routine urological services, teaching activities and research.

Course Outcomes (COs)

Course Title & Code: Basic Sciences as applied to Urology (MCHC501A)

Subjects At the end of the course, the students should be able to:

- CO-1. Demonstrate through knowledge of basic sciences related to Urology
- CO-12 Provide knowledge based treatment to common urology diseases (UTI)
- CO-3. Thoroughly elicit history, perform clinical examination and investigate
- CO-4. Operative Skills as per Annexure-4

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Course Outcomes (COs)

Course Title & Code: Principles and Practice of Urology (MCHC502A)

Subjects At the end of the course, the students should be able to:

- CO-1. Thoroughly manage the major load of urology practice that are Stones & BPH
- CO-2. Systematic management of Neurogenic bladders and stricture urethra
- CO-3. Evaluation and management of Congenital diseases in urology
- CO-4. Operative skills as per Annexure-4

Course Outcomes (COs)

Course Title & Code: Specialty Urology (MCHC503A)

Subjects At the end of the course, the students should be able to:

- CO-1. Systematic management of oncologic diseases
- CO-2. Medical and Surgical management of urologic diseases in females
- CO-3. Preoperative workup, intraoperative techniques and postoperative management and follow up of renal transplant patients
- CO-4. Operative skills as per Annexure-4

Course Outcomes (COs)

Course Title & Code: Operative Urology & Recent advances in Urology (MCHC504A)

Subjects At the end of the course, the students should be able to:

- CO-1. Stay updated about the most recent advances in the field of urology happening around the world
- CO-2. Operative skills as per Annexure-4

 Registrar
M.S. Ramaiah University of Applied Sciences
Bangalore - 560 054



Principal and Dean

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