



MGM INSTITUTE OF HEALTH SCIENCES
(Deemed University u/s 3 of UGC Act, 1956)
Grade 'A' Accredited by NAAC

PhD CET Syllabus

Paper II - Subject Specific Test
Urology

MGM 37 MCH UROLOGY

Program Outcomes

- PO1. Recognizes the health needs of adults and carries out professional obligations in keeping with principles of National Health Policy and professional ethics;
- PO2. Has acquired the competencies pertaining to Urology that are required to be practiced in the community and at all levels of health care system
- PO3. Has acquired skills in effectively communicating with the patient's, family and the community;
- PO4. Is aware of the contemporary advances and developments in medical sciences.
- PO5. Acquires a spirit of scientific enquiry and is oriented to principles of research methodology
- PO6. Has acquired skills in educating medical and paramedical professionals.

Program Specific Outcomes:

At the end of the super specialty training in the discipline concerned the student shall be able to:

- PSO1. Recognize the importance to the concerned speciality in the context of the health needs

of the community and the national priorities in the health section.

PSO2. Practice the speciality concerned ethically and in step with the principles of primary health care.

PSO3. Demonstrate sufficient understanding of the basic sciences relevant to the concerned speciality.

PSO4. Identify social, economic, environmental, biological and emotional determinants of health in a given case, and take them into account while planning therapeutic, rehabilitative, preventive and primitive measure/strategies.

PSO5. Diagnose and manage majority of the conditions in the speciality concerned on the basis of clinical assessment, and appropriately selected and conducted investigations.

PSO6. Plan and advise measures for the prevention and rehabilitation of patients suffering from disease and disability related to the speciality.

PSO7. Demonstrate skills in documentation of individual case details as well as morbidity and mortality rate relevant to the assigned situation.

PSO8. Demonstrate empathy and human approach towards patients and their families and exhibit interpersonal behaviour in accordance with the societal norms and expectations.

PSO9. Play the assigned role in the implementation of national health programme, effectively and responsibly.

PSO10. Organize and supervise the chosen/assigned health care services demonstrating adequate managerial skills in the clinic/hospital or the field situation.

PSO11. Develop skills as a self-directed learner, recognize continuing education needs; select and use appropriate learning resources.

PSO12. Demonstrate competence in basic concepts of research methodology and epidemiology, and be able to critically analyze relevant published research literature.

PSO13. Develop skills in using educational methods and techniques as applicable to the teaching of medical/nursing students, general physicians and paramedical health workers.

PSO14. Function as an effective leader of a health team engaged in health care, research or training.

Course outcome

CO1. The goal of postgraduate medical education in MCh urology shall be to produce a competent expert in the field of urology and a medical teacher in urology

CO2. He/she shall recognize the health needs of community and carry out professional obligations ethically and keeping in mind the objectives of national health policy

CO3. He/she shall have mastered most the competencies pertaining to urology that are required in clinical practice and for tertiary level healthcare delivery system

CO4. He/she shall be aware of contemporary advances and development in the field of urology.

CO5. He/she shall have acquired a spate of scientific inquiry and is oriented to the principles of research methodology and epidemiology

CO6. He/she shall have acquired the basic skills in teaching to medical graduates and surgical postgraduates

CO7. He/she should be competent enough to offer super specialties services in the area of urology to other sister specialties like gynaecology, oncology, nephrology, transplantation etc.

CO8. He/she should be able to work in any hospital in India with minimum of facilities and be able diagnose urological diseases, treat swiftly and efficiently and if appropriate refer both on an elective and emergency basis.

CO9. He/she should be able to start a urological service of maximum effectiveness with available resources.

Skill development:

CO10. At the end of super specialty training in Urology the student shall acquire following skills:

- Endourology- URSL, TURP, PCNL, Cyst lithotripsy, DVIU, DJ stenting.
- Open & Reconstructive – Nephrectomy, Pyeloplasty, Ureterolithotomy, Ureteric reimplant, Augmentation Cystoplasty, Buccal mucosa urethroplasty, Perineal urethrostomy.
- Trauma- Renal, PFUDD, Bladder Rupture, Ureteric injury
- Uro-gynaecology- VVF repair, Incontinence surgery.
- Uro-oncology- TURBT, Radical nephrectomy, Radical Cystectomy
- TRUS guided prostate biopsy, USG guided PCN
- ESWL (USG & c-arm guided).
- Urodynamic Study.



Dr. Rajesh B. Goel

Registrar

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NAVI MUMBAI- 410 209

