



Urology Curriculum

NGMC- Family Medicine Residency Program
Gainesville, Ga

PGY: 3

Description of Rotation:

This is a two-week block Urology experience with direct supervision by the urology attending physician in the outpatient setting.

Overall Goals of Urology Rotation:

Residents acquire fundamental knowledge and technical proficiency in medical and surgical management of common urologic complaints. They should understand the principles of surgical management of disease and gain competence in recognizing diagnosing, and appropriately referring patients with surgical problems.

Patient Care Objectives and Competencies

- PC-1: Cares for Acutely ill or injured patients in urgent and emergent situations in all settings.
- PC-2: Cares for patients with chronic conditions.
- PC-3: Partners with the patient, family, and community to improve health through disease prevention and health promotion.
- PC-4: Partners with the patient to address issues of ongoing signs, symptoms, or health concerns that remain over time without clear diagnosis despite evaluation and treatment, in a patient-centered, cost-effective manner.

Objectives:

The Resident will:

- Develop skills necessary to obtain an appropriate history and physical on patients with urologic conditions. (PC-1) (PC-2)
- Develop the ability to build a list of differential diagnoses on patients with urologic conditions.
- Be able to initiate appropriate treatment on patients with urologic problems. (PC-1) (PC-2)
- Assist in the management of post-operative care including medical and surgical complications for patients who have undergone surgery.
- Gain a better understanding of the role of the primary care physician in the care of patients with urologic conditions. (PC-1) (PC-2)
- Gain a better understanding of the appropriate role of urologists in the care of patients with urologic problems

Medical Knowledge Objectives and Competencies

- MK-1: Demonstrate medical knowledge of sufficient breadth and depth to practice family medicine.
- MK-2: Applies critical thinking skills in patient care.

Objectives:

Develop knowledge of and implement the following topics into providing appropriate patient care (MK-1);



- Normal anatomy and physiology.
- The pathophysiologic basis of common urologic problems.
- Indications for and contraindications to various common surgical procedures for urologic conditions.

Develop basic knowledge to formulate an initial diagnosis, manage patients and implement appropriate referral criteria for common urologic problems including:

- Prostatitis
- Urethritis
- Cystitis
- Pyelonephritis
- Epididymitis
- Enuresis
- Incontinence
- Renal Calculi
- Urinary Retention
- Impotence
- Testicular Torsion
- Urethral Stricture
- Carcinoma of the bladder, kidney or prostate

Interpersonal and Communication Skills Objectives and Competencies

- C-1: Develop meaningful, therapeutic relationships with patients and families.
- C-2: Communicates effectively with patients, families, and the public.
- C-3: Develops relationships and effectively communicates with physicians, other health professionals, and health care teams.
- C-4: Utilizes technology to optimize communication

Objectives:

- Communicate effectively with patients and their families while in the presence of their daily preceptor. **(C-1 C-2 C-3)**
- Convey information in a clear and concise manner to patients, families, and other health professionals (i.e., use appropriate vocabulary choice, realistic outcomes, and working with difficult patients and family) **(C-2)**
- Understanding of surgical common urologic surgeries such that when consulted for pre-operative clearance or for medical management of surgical patients, the resident should be able to provide effective consultative recommendations to requesting physicians **(C-3)**

Practice Based Learning and Improvement Objectives and Competencies:

- PBLI-1: Locates, appraises, and simulates evidence from scientific studies related to the patients' health problems
- PBLI-2: Demonstrates self-directed learning



- PGLI-3: Improves systems in which the physician provides care

Objectives:

- Recognize own level of competence in handling urologic problems and the need for further consultation as appropriate. (PBLI-2)
- Incorporate evidence-based medicine and resources into the care of urologic problems (PBLI-3)
- Review current literature relevant to the care of individual patients and the community (PBLI1, PBLI-2)

Professionalism Objectives and Competencies:

- PROF-1: Completes a process of professionalization
- PROF-2: Demonstrates professional conduct and accountability
- PROF-3: Improves systems in which the physician provides care

Objectives:

- Provide compassionate and high-quality care to all patients regardless of gender, age, culture, race, religion, disabilities, sexual orientation or socioeconomic class (PROF-2)
- Determine best methods for consultation of subspecialty while caring for the urologic patient (PROF-1, PROF-2)
- Behave in a professional manner when interacting with patients or other health care providers. (PROF-3)

Systems Based Practice Objectives and Competencies

- SBP-1: Provides cost-conscious medical care
- SBP-2: Emphasizes patient safety
- SBP-3: Advocates for individual and community health
- SBP-4: Coordinates team-based care

Objectives:

- Develop an understanding of the appropriate role of subspecialty medicine in evaluation and treatment of urologic disorders and when a urology consult is warranted (SBP-4)
- Incorporate considerations of cost awareness and risk benefit analysis in patient care (SBP-1 SBP-2)
- Advocate for quality patient care and optimal patient care systems (SBP-3)
- Develop an understanding of the role of the primary care physician and the surgical specialists in the care of patients with urologic conditions. (SPB-4)