

# VAMC UROLOGY GOALS & OBJECTIVES INTERN LEVEL

## Educational Goals for Residents:

### Intern

#### Medical Knowledge

- Understand renal physiology and its relationship to post-obstructive diuresis
- Understand the principles and types of urinary tract catheterization
- Understand the various types of urinary diversion and the indications for their use
- Understand the use of drains and stents in Urology
- Understand the pathophysiology of BPH and the medical and surgical treatment options
- Understand the use of PSA in benign and malignant conditions of the prostate
- Have a basic understanding of prostate cancer, including diagnostic aids and the treatment of localized and advanced disease
- Have a basic understanding of the manifestations of bladder cancer and the treatment options for low-grade, superficial disease, as well as muscle-invasive bladder cancer
- Have a basic understanding of the pathophysiology, medical and surgical treatment options for urinary stone disease

#### Patient Care

- Develop an understanding for fluid shifts and electrolyte changes peculiar to urologic patients
- Understand the nuances of urinary diversions, stents, catheters and drains in urologic surgery
- Counsel and educate patients and their families
- Have an awareness for the multitude of co-morbid conditions encountered in many veterans and become knowledgeable in their management

#### Professionalism

- Learn to communicate effectively and compassionately with patients, families, team members and staff
- Learn to efficiently sign-out patients to other teams
- Be sensitive to patients in their social and cultural context
- Learn to practice the ethical principles involved with caring for the surgical population, including consent ability, confidentiality and informed consent

#### Interpersonal and Communication Skills

- Respectfully interact with patients, staff and families
- Learn to listen and assess non-verbal cues from patients and staff
- Work effectively with the team, communicating issues appropriately and succinctly

#### Practice-Based Learning

- Accept responsibility for the care of patients on the ward, learning and modifying practice management style
- Apply knowledge of scientific data to the care of the urologic patient
- Facilitate the learning of medical students and physician assistant students on the team
- Use the library to access medical information and review recent advances in care

#### Systems-Based Practice

- Develop systems to help maintain consistent quality of patient care
- Learn to practice cost-effective health care without sacrificing quality of care
- Assist patients to negotiate the medical system in a consistent and fair manner

## Educational Objectives for Residents:

### Intern

#### Medical Knowledge:

- Define hematuria and describe the appropriate evaluation of gross and microscopic hematuria
- Describe the evaluation and treatment of urinary tract infections in men and women, including pyelonephritis, cystitis, prostatitis, and epididymis
- Describe the medical evaluation and treatment of patients with urolithiasis
- Describe the options for treatment of urinary tract calculi and the indications for shock wave lithotripsy, ureteroscopy with holmium laser ablation and percutaneous nephrostolithotomy

- Describe the appropriate use of PSA testing in men with benign and malignant disease of the prostate
- Give a synopsis of the evaluation and treatment of BPH
- Describe the evaluation and treatment options for men with localized and metastatic prostate cancer
- Describe the treatment options for renal cell carcinoma
- Describe the treatment options for transitional cell carcinoma of the bladder and upper urinary tracts

Patient Care:

- Describe the management of post-obstructive diuresis
- Discuss the principles of catheter and drain management in urologic patients
- Discuss the various types of urinary diversions and the complications of each
- Discuss the options for prophylaxis of the pulmonary embolism in the urologic patient

Professionalism:

- Attend Urology Grand Rounds, Urologic Oncology Conference, Morbidity and Mortality Conference and Monday morning conference

Interpersonal and Communication Skills:

- Demonstrate discharge instructions and advice
- Participate in post-operative discussions with family

Practice-Based Learning:

- Evaluate an article in the Urologic literature pertaining to patient care issues

Systems-Based Practice:

- Review and recommend updates to current practice guidelines

**Assigned Reading:**

**From: Campbell's Urology 8<sup>th</sup> Ed.**

**Be prepared to discuss or be tested in detail on these topics.**