

## UROLOGY 420a

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Does this rotation accept visiting students: YES

### **Course Description:**

This course is for the medical student who is considering urology as a career. The student functions as an assistant intern in both inpatient and outpatient clinical areas at University Medical Center, East Jefferson General Hospital, Children's Hospital, and Touro Infirmary managing complex urologic conditions and providing a detailed look at what a career in urologic surgery will entail. Service guidelines will be emailed 2-3 weeks before the actual rotation begins.

**Learning Goals and Objectives:** At the completion of this clinical rotation students should be able to do the following:

1. Understand relevant anatomy and perform a Genitourinary exam on adult & pediatric patients, male and female.
2. Understand the natural history, diagnosis, and treatment of common urologic disorders including nephrolithiasis, hematuria, acute scrotum, incontinence, UTI, ED, BPH, and genitourinary cancers. Review all the AUA Medical Student Curriculum core content at [www.auanet.org](http://www.auanet.org) (Mobile App).
3. Review urology content at website indicated above and demonstrate familiarity with imaging techniques in urology (cystography, nuclear medicine, renal US, CT, MRI) and an understanding of the interpretation of these studies.
4. Identify the indications of endoscopic, laparoscopic, robotic and open surgical approaches for adults and children.
5. Understand the pre-, intra-, and post-operative management of general, oncologic, & reconstructive urologic patients.
6. Begin to acquire the basic surgical skills of a urologist, including catheterization, suturing, physical exam skills, and endoscopy, laparoscopy, robotics, and open surgery through simulation training and clinical practice.

**Instructional Methodologies and Rotation Activities:** Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:

1. Participate in morning and evening inpatient rounds/discussions.
2. Observe and participate in the urology operation rooms, follow patients through their postop course.
3. Follow an inpatient census of 1-3 patients (post-op or admissions from the ER); assist with consults.
4. Attend & participate in all urological conferences and give a 10-15 minute Grand Rounds lecture to the department on a subject encountered during the rotation.
5. All students are expected to meet with the course director at the start of the rotation, as a group, and individually prior to the conclusion of the rotation (student must arrange a 15 minute meeting time through Laura Tyler Maneaux).

**Patient Encounters:** Students will be expected to work-up patients with these specified conditions:

1. Prostate/Bladder/Kidney Cancer

2. Voiding Dysfunction/Incontinence/BPH/Hematuria/ED
3. Nephrolithiasis
4. Acute scrotum

**Evaluation/Feedback Methods:** Students will be evaluated using the following methods.

1. E\*Value Clinical Performance Evaluation.
2. Direct observation of clinical and patient care skills by the chief resident and faculty.
3. Conference Discussions and Grand Rounds presentation.
4. Successful completion of skills checklist and core curriculum content located at [www.auanet.org](http://www.auanet.org)

Will students be expected to participate in call? NOT EXPECTED

Students requesting letter of recommendation (prior to end of their rotation):

1. Will need to spend significant time with letter writer.
2. Prepare packet inclusive of C.V., Picture, Submit Step 1 and (if taken) Step 2 scores, official medical school transcript, and personal statement.
3. Personally meet with the letter writer.