UROL 851: Urology ASE

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<td>Block 1A: 7/6/15 – 7/17/15</td>
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<td>Block 4B: 10/12/15 – 10/23/15</td>
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<td>Block 8: 2/1/16 – 2/26/16</td>
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<td>Block 1B: 7/20/15 – 7/31/15</td>
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<td>Block 5: 10/26/15 – 11/20/15</td>
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<td>Block 8A: 2/1/16 – 2/12/16</td>
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**Does this rotation accept visiting students?** YES NO

**Course Description:**
This course is for the student who is considering urology as a career. The student will rotate in both inpatient and outpatient clinical areas at MUSC and the VA hospital, managing complex urologic conditions and providing a detailed look at what a career in urologic surgery will entail. Service guidelines will be emailed two weeks before the actual rotation begins. Preauthorization is required for students rotating in blocks 1-5.

**Learning Goals & Objectives:** At the completion of this clinical rotation students should be able to do the following:
1. Describe relevant anatomy and perform a genitourinary exam on adult and pediatric patients, male and female (PC, MK)
2. Explain the natural history, diagnosis, and treatment of common urologic disorders, including nephrolithiasis, hematuria, acute scrotum, incontinence, UTI, ED, BPH, and genitourinary cancers
3. Complete uroradiology content at www.auanet.org and demonstrate familiarity with imaging techniques in urology (cystography, nuclear medicine, renal US, CT) and an understanding of the interpretation of these studies (PC, MK)
4. Identify the indications for endoscopic, laparoscopic, robotic and open surgical approaches for adults and children (PC, MK)
5. Describe pre-, intra-, & post-operative management of general, oncologic, and reconstructive urologic patients (PC, MD, CS)
6. Demonstrate basic surgical skills of a urologist, including catheterization, suturing, physical exam skills, endoscopy, laparoscopy, robotics and open surgery through simulation training and clinical practice (PC, PL)

**Instructional Methodologies and Rotation Activities:**
1. On-line didactic questions through Q-Stream platform received via e-mail, certificate of completion sent to Tracy Washington
2. Participation in morning and evening inpatient rounds/discussions
3. Following inpatient census of 1-3 patients (postop or admissions from the ER) and assisting with 1-3 consults per week
4. Attendance/participation in all urological conferences (including journal club) and 15-minute Grand Rounds presentation given to the department on a subject encountered during the rotation
5. Completion of 4th year Urology Selective Skills Checklist submitted to Tracy Washington at the conclusion of the rotation
6. Meeting with course director at the start of rotation, as a group, and individually prior to conclusion of rotation (student must arrange meeting through Tracy Washington)

**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/Acute Scrotum

**Evaluation / Feedback Methods:** Students will be evaluated using the following methods.
1. E*Value Clinical Performance Evaluation (PC, PR, MK, CS, SL, PL)
2. Direct observation of clinical and patient care skills by the chief resident and attending urologist (PC, PR, MK, CS, PL)
3. Conference Discussions and Grand Rounds presentation (MK, CS)
4. Successful completion of Q-Stream course, skills checklist, and core curriculum content located at www.auanet.org
5. A mid-point evaluation form will be completed halfway through the rotation in order for the student to be assessed on their performance (MK, PC, PR, CS, SL, PL)

**Will students be expected to participate in call?** YES NO