Family Medicine Residency
Urology Rotation
Faculty Coordinator: John White, MD

Rotation Goal
The overall goal for the educational experience provided in the areas of office Urology will be that residents acquire fundamental knowledge and technical proficiency in the surgical procedures commonly performed by family physicians in the Southeast, particularly in more rural areas. They should understand the principles of surgical management of disease and gain competence in recognizing diagnosing, and appropriately referring patients with surgical problems.

During this rotation, residents should achieve the following goals:
1. Residents should develop skills necessary to obtain an appropriate history and physical on patients with urologic conditions.
2. Residents should develop the ability to build a list of differential diagnoses on patients with urologic conditions.
3. Residents should be able to initiate appropriate treatment on patients with urologic problems.
4. Assist in the management of post-operative care including medical and surgical complications for patients who have undergone surgery.
5. Residents should gain a better understanding of the role of the primary care physician in the care of patients with urologic conditions.
6. Residents should gain a better understanding of the appropriate role of urologists in the care of patients with urologic problems.

Supervision
Direct observation is provided by precepting physicians. Precepting physicians include Dr. John Merriwether and Dr. John Shaw. Their offices are located at the Physician’s Tower, 700 West Forrest Ave, Jackson, TN. 731-422-0213.

Rotation Objectives
By the end of the Urology rotation, PGY III residents are expected to expand and cultivate skills and knowledge learned during previous training and to achieve the following objectives based on the six general competencies. The resident should exhibit an increasing level of responsibility and independency as he or she progresses throughout the year.

<table>
<thead>
<tr>
<th>Competency</th>
<th>Required Skill(s)</th>
<th>Teaching Method(s)</th>
<th>Formative Evaluation Method(s)</th>
<th>Frequency of Evaluation</th>
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</thead>
<tbody>
<tr>
<td>Patient Care</td>
<td><strong>SPECIALTY SPECIFIC OBJECTIVES</strong></td>
<td>Conference/Didactics</td>
<td>Direct Feedback</td>
<td>Daily</td>
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<td></td>
<td>Develop skills that allow for up to date, compassionate care of patients with urologic conditions while integrating evidence based medicine, local standards of care, nationally defined quality care markers and specialty recommendations upon consultation</td>
<td>Daily Rounds</td>
<td>Global Evaluation</td>
<td>Monthly</td>
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<td>Perform pre-operative risk assessments on patients prior to surgery</td>
<td>Research Discussions</td>
<td>In-training Exam</td>
<td>Annually</td>
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<td>Self Directed Learning</td>
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<td>Conference/Didactics</td>
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<td>Daily Rounds</td>
<td>Global Evaluation</td>
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<td>Research Discussions</td>
<td>In-training Exam</td>
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<td>Self Directed Learning</td>
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<tr>
<td>Medical Knowledge</td>
<td>SPECIALTY SPECIFIC OBJECTIVES</td>
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<td>Determine which patients need further evaluation by a specialist</td>
<td>Conferences/Didactics Daily Rounds Research Discussions Self Directed Learning</td>
<td>Direct Feedback Global Evaluation In-training Exam</td>
<td>Daily Monthly Annually</td>
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<td>Initiate appropriate care for these patients in a timely manner</td>
<td>Conferences/Didactics Daily Rounds Research Discussions Self Directed Learning</td>
<td>Direct Feedback Global Evaluation In-training Exam</td>
<td>Daily Monthly Annually</td>
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<tr>
<td>Formulate a differential diagnosis on these patients and arrive at a diagnosis.</td>
<td>Conferences/Didactics Daily Rounds Research Discussions Self Directed Learning</td>
<td>Direct Feedback Global Evaluation In-training Exam</td>
<td>Daily Monthly Annually</td>
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<tr>
<td>Perform an adequate history and physical examination on patients with urologic conditions.</td>
<td>Conferences/Didactics Daily Rounds Research Discussions Self Directed Learning</td>
<td>Direct Feedback Global Evaluation In-training Exam</td>
<td>Daily Monthly Annually</td>
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<td>Under direct supervision, perform the following procedural skills including:</td>
<td>Conferences/Didactics Daily Rounds Research Discussions Self Directed Learning</td>
<td>Direct Feedback Global Evaluation In-training Exam</td>
<td>Daily Monthly Annually</td>
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<tr>
<td>1. Performance of an urological examination</td>
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<td>2. Foley catheter insertion</td>
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<td>3. Suprapubic bladder aspiration</td>
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<td>4. Prostatic massage</td>
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<td>5. Circumcision of the newborn</td>
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<td>6. Vasectomy</td>
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<tr>
<td>Medical Knowledge</td>
<td>SPECIALTY SPECIFIC OBJECTIVES</td>
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<td>Develop knowledge of and implement the following topics into providing appropriate patient care:</td>
<td>Conferences/Didactics Daily Rounds Research Discussions Self Directed Learning</td>
<td>Direct Feedback Global Evaluation In-training Exam</td>
<td>Daily Monthly Annually</td>
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<tr>
<td>a. Normal anatomy and physiology.</td>
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<td>b. The pathophysiologic basis of common urologic problems.</td>
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<td>c. Indications for and contraindications to various common surgical procedures for urologic conditions.</td>
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</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Practice Based Learning and Improvement</th>
<th>SPECIALTY SPECIFIC OBJECTIVES</th>
<th>Conferences/Didactics</th>
<th>Direct Feedback</th>
<th>In training Exam</th>
<th>Daily</th>
<th>Monthly</th>
<th>Annually</th>
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<tbody>
<tr>
<td>Develop tools to help meet the needs of patients</td>
<td></td>
<td>Conferences/Didactics Daily Rounds Research Discussions Self Directed Learning</td>
<td>Direct Feedback Global Evaluation In-training Exam</td>
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<td>Daily</td>
<td>Monthly</td>
<td>Annually</td>
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<tr>
<td>Recognize own level of competence in handling urologic problems and the need for further consultation as appropriate.</td>
<td></td>
<td>Conferences/Didactics Daily Rounds Research Discussions Self Directed Learning</td>
<td>Direct Feedback Global Evaluation In-training Exam</td>
<td></td>
<td>Daily</td>
<td>Monthly</td>
<td>Annually</td>
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<tr>
<td>Review current literature relevant to the care of individual patients and the community. (Write summary of journal article as it relates to Family Medicine)</td>
<td></td>
<td>Conferences/Didactics Daily Rounds Research Discussions Self Directed Learning</td>
<td>Direct Feedback Global Evaluation In-training Exam</td>
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Interpersonal and Communication

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<tr>
<th>SPECIALTY SPECIFIC OBJECTIVES</th>
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<th>Direct Feedback</th>
<th>In training Exam</th>
<th>Daily</th>
<th>Monthly</th>
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<tbody>
<tr>
<td>See General Family Medicine Objectives for a comprehensive list.</td>
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<tr>
<td>Skills</td>
<td>comprehensive list.</td>
<td>Conferences/Didactics</td>
<td>Direct Feedback</td>
<td>In-training Exam</td>
<td>Daily/ Monthly/ Annually</td>
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<td></td>
<td>Communicate effectively with patients and their families while in the presence of their daily preceptor.</td>
<td>Daily Rounds</td>
<td>Global Evaluation</td>
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<td>Daily/ Monthly/ Annually</td>
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<td></td>
<td>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)</td>
<td>Daily Rounds</td>
<td>Global Evaluation</td>
<td></td>
<td>Daily/ Monthly/ Annually</td>
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<td></td>
<td>When consulted for pre-operative clearance or for medical management of surgical patients, residents should be able to provide effective consultative recommendations to requesting physicians</td>
<td>Daily Rounds</td>
<td>Global Evaluation</td>
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<td>Daily/ Monthly/ Annually</td>
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<td>Determine best methods for consultation of subspecialty physicians while caring for the urologic patient</td>
<td>Daily Rounds</td>
<td>Global Evaluation</td>
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<td>Daily/ Monthly/ Annually</td>
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<td></td>
<td>Behave in a professional manner when interacting with patients or other health care providers.</td>
<td>Daily Rounds</td>
<td>Global Evaluation</td>
<td></td>
<td>Daily/ Monthly/ Annually</td>
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<th>Professionalism</th>
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<td></td>
<td>Provide compassionate and high quality care to all patients regardless of gender, age, culture, race, religion, disabilities, sexual orientation or socioeconomic class</td>
<td>Daily Rounds</td>
<td>Global Evaluation</td>
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<th>Systems-Based Practice</th>
<th>SPECIALTY SPECIFIC OBJECTIVES</th>
<th>See General Family Medicine Objectives for a comprehensive list.</th>
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<td></td>
<td>Develop an understanding of the appropriate role of subspecialty medicine in evaluation and treatment of urologic disorders and when an urology consult is warranted.</td>
<td>Daily Rounds</td>
<td>Global Evaluation</td>
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<td>Daily/ Monthly/ Annually</td>
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<td>Develop an understanding of the role of the primary care physician and the surgical specialists in the care of patients with urologic conditions.</td>
<td>Conferences/Didactics Daily Rounds Research Discussions Self Directed Learning</td>
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<td>Daily Monthly Annually</td>
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</tbody>
</table>

**Educational Resources**

1. Smith’s General Urology by Emil A. Tanagho and Jack W. McAninch
2. Current Surgical Diagnosis and Treatment by Lawrence W. Way and Gerard M. Doherty
3. American Family Physician Journal
4. [www.UpToDate.com](http://www.UpToDate.com)
5. [www.emedicine.com](http://www.emedicine.com)
6. [www.urology-textbook.com](http://www.urology-textbook.com)