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1. Medical Knowledge
Students will demonstrate knowledge of the normal structure and function of the genitourinary urinary tract. Specifically, they will demonstrate knowledge of the pathogenesis (with an emphasis on the genetic and molecular basis of such) of diseases of the urinary tract.

Demonstrate knowledge of pharmacology and therapeutics used in urology including:
- Demonstrate knowledge of surgical and non-surgical procedures used in urology related to the above diseases/conditions.
- Obtain detailed knowledge of a specific urologic condition, disease and/or therapy through the use of textbooks, medical journals, electronic media and other sources for presentation at Urology Grand Rounds (see below).

2. Communication Skills
Students will demonstrate knowledge of the principles of communication and the skills and attitudes that allow effective interaction with patients, families, healthcare workers and others who affect the health and well-being of patients. Students will:
- Demonstrate the ability to communicate effectively in written form, patient histories, physical exams, diagnostic study results and treatment plans and periodic progress/clinical notes.
- Demonstrate the ability to explain to patients and families the findings from clinical investigations, possible courses of therapy and the ramifications of the various therapeutic options.
- Demonstrate the ability to communicate effectively with the healthcare team including faculty, residents, fellows, medical students, nurses and healthcare support staff.

Give a 12 minute presentation to the urology faculty, residents and students on a subject of their choice at Urology Grand Rounds the last Friday of the rotation.

3. Professionalism
Students will demonstrate professionalism as a member of the healthcare team through:
- Training level appropriate assumption of obligations of a healthcare worker.
- Serving as an advocate for their patients.
- Recognize and accept their own limitations in knowledge and clinical skills and commit to continuously improve their knowledge and ability.

4. Patient Care
Students must use their knowledge, skills, and attitudes to provide patient care that is compassionate, appropriate, and effective. Students will be able to:
- Perform, record, present and interpret a complete physical exam with emphasis on the urogenital tract of patients with urologic diseases.
- The student will demonstrate proficiency in interpretation of the following diagnostic tests: urinalysis, prostate specific antigen, renal ultrasound, intravenous pyelogram, CT scan of the kidneys and pelvis.
- Integrate data from the history, physical exam, laboratory and imaging exams to construct a problem list, develop a prioritized differential diagnosis along with therapeutic, diagnostic, and patient education plans for each problem identified.
- Perform basic urologic clinical procedures such as placement of a Foley catheter, basic suturing, etc.
- Perform database retrievals, retrieve patient-specific information, select and use information technology, and employ electronic communications for the direct care of patients.
- Practice Based and Lifelong Learning
Students should demonstrate the knowledge, skills, and attitudes needed to be able to begin to evaluate their method of practice, use appropriate tools of evidence to analyze clinical practice, and understand concepts of quality in healthcare and quality improvement. Specifically, students will:
- Use information technology to access and manage clinical information and perform on-line searches to support ongoing self-directed learning.
- Search, evaluate and critically review scientific evidence appropriate to the care of individual patients.
- Identify errors in medicine, reasons for errors, and develop basic strategies to reduce medical errors.

5. Practice Based and Lifelong Learning
Students should demonstrate the knowledge, skills, and attitudes needed to be able to begin to evaluate their method of practice, use appropriate tools of evidence to analyze clinical practice, and understand concepts of quality in healthcare and quality improvement. Specifically, students will:
- Use information technology to access and manage clinical information and perform on-line searches to support ongoing self-directed learning.
- Search, evaluate and critically review scientific evidence appropriate to the care of individual patients.
- Identify errors in medicine, reasons for errors, and develop basic strategies to reduce medical errors.