**Y34 Urology**

**Course ID:** MED 797AW/997AW  
**Discipline:** Surgery  
**Prerequisites:** MED 810 General Surgery Clerkship  
MED 820 Hospital Medicine Clerkship  
MED 830 Psychiatry Clerkship  
MED 840 OB/GYN Clerkship  
AND  
MED 850 Pediatrics Clerkship  
**Available Sites:** Detroit (Ascension St. John Hospital), Lapeer, Mount Pleasant, Saginaw  
**Duration:** 4 weeks

**Description**

The purpose of Urology clerkship is to prepare the student to recognize and treat commonly encountered problems in urological diseases and to become familiar with diagnostic and procedural techniques used in this specialty. Students will also learn when it is appropriate to initiate a referral to a urological specialist.

**Key Objectives**

- Describe the anatomical features of the male and female genitourinary tract.  
- Describe normal male and female reproductive physiology  
- Recognize common presentations of genitourinary pathology  
- Demonstrate understanding of basic concepts in the diagnosis and treatment of common GU pathologies including the following:  
  - Urinary calculi  
  - Benign prostatic hypertrophy  
  - Renal tumors  
  - Bladder tumors  
  - Hematuria  
  - Acute scrotum  
  - Sexual dysfunction  
- Identify and describe instruments used on patients with difficulty urethral catheterization  
- Understand the role of and interpret results of imaging studies, including CT, ultrasound, and intravenous pyelogram  
- Perform urethral catheterization  
- Propose workups for patients with common urological problems including:  
  - Urinary calculi  
  - Benign prostatic hypertrophy  
  - Renal tumors  
  - Bladder tumors  
  - Hematuria  
  - Acute scrotum  
  - Sexual dysfunction  
- Participate in the preoperative, operative and postoperative care of the urological surgery patient.
• Describe the societal impact of urological cancer diagnoses on our local communities
• Describe disease entities for which chronic incontinence presents increased risk
• Appropriately utilize hospital information technology to manage patient care
• Perform appraisal of current literature pertaining to a urologic condition of interest
• Through the regular attendance of morbidity/mortality conference and tumor board, seek ongoing improvement of medical knowledge and patient care practices.
• Describe the importance of a multi-disciplinary approach to the diagnosis and care of patients with neoplastic disease
• Comprehend the role of social workers, patient advocates, pharmacists and other medical professionals as it pertains to the Urology service.
• Demonstrate skill in the exchange of information with patients and their families.
• Demonstrate the ability to work cooperatively within a multi-disciplinary team

Assessment Method
College of Medicine standard elective assessment will be completed by supervising faculty at conclusion of elective clerkship.

Scheduling Information
Interested students should contact CMU College of Medicine Department of Distributed Clinical Education at CMEDDCE@cmich.edu.