

Name of the module: Urology clerkship (selective)**Number of module: 471-8-5097**Credit points: 2.5ECTS:Academic year: 5th & 6thSemester: 1st, 2ndDuration: 2 weeksLocation: Urology depts. in Soroka and Barzilai hospitalsTeaching language: HebrewDegree: MDCourse characteristic: Course in

Clinical Urology

Discipline: UrologySupervising dept.: Urology

Department, Soroka University

Medical Center

Requirements: Clerkship in General SurgeryGrades key: pass/failLecturer name: Dr. Andrei NeulanderContact details:Office No.: 0506260560E-mail:Course evaluation: Pass/Fail, based on attendanceCourse approval: the course has been approved by the faculty teaching committee for 2012Last updated: November 2015Course description: Basic clinical urology.Aims of the module: The goal of this module is to introduce and teach basic principles and practice in urology.Objectives of the module: Objectives are to enable students to have basic understanding of the most common disorders in urology, and updated modes of therapy.Learning outcomes of the module: Upon completion of the Urology Clerkship Rotation the student will be able to:

1. have acquired the basic skills necessary to evaluate a patient presenting with problems related to the genitourinary system, including history taking, physical examination, and the recording of data.
2. have acquired the ability to develop an appropriate differential diagnosis
3. have developed the skills to prepare an appropriate sequence of laboratory, radiological, and other diagnostic tests and demonstrate familiarity with their interpretation.
4. have observed and/or acquired the technical skills needed to manage a urological patient in an office, clinic or hospital setting.
5. have developed the ability to integrate basic science knowledge in a clinical setting.
6. be able to present a case, both orally and in writing, in a logical and coherent manner so that the listener or reader is able to assess the patient.
7. have developed the skills necessary to be a respectful, attentive, empathetic and a compassionate physician.
8. be aware of the medical, legal and ethical issues of a physician's actions.
9. be able to demonstrate a basic knowledge and understanding of the following:
 - a. Computerized tomography of the abdomen and pelvis
 - b. Renal, bladder, testicular and prostate ultrasound
 - c. Intravenous Pyelogram
 - d. Flat plate (KUB) of the abdomen
 - e. Renal scan
 - f. Urologic laboratory testing
 - g. MRI

Attendance regulations: attendance mandatoryTeaching technique:**Bedside teaching**

Students will have supervised rounds, will see and present patients and will be exposed to the various surgical procedures, surgical interventions and imaging modalities in urology

Frontal teaching – short daily seminars (1 hour) about major urology topicsCourse tasks: attendance mandatory

Once a week every student should do a shift until 23:00 with the staff doctor and accompany him or her

Main Subjects:

- **PEDIATRIC UTI**
URETERO VESICAL REFLUX
URTEROPELVIC JUNCTION OBSTRUCTION
MEGAURETER AND DUPLICATION, POST. URETHRAL VALVES
- **URINARY RETENTION**
BPH ,;URETHRAL STRICTURE
- **HEMATURIA**
UPPER TRACT TCC, BLADDER TCC
PROSTATE CANCER, RCC
- **RENAL COLIC AND URO LITHIASIS**
- **URINARY INCONTINENCE AND NEUROGENIC BLADDER**
- **SCROTAL PATHGOLGY – ACUTE AND CHRONIC**
HYDROCELLE, VARICOCELLE
UNDESCENDED TESTES AND TESTICULAR TUMORS
TESTICULAR TORSION
- **TRAUMA OF THE URINARY TRACT**
- **ADULT UTI – UROSEPSIS**

Required time for self study: approx. 3 hours a day for completing tasks and reading relevant material

Student Evaluation:

1. Pass/fail based on attendance and an oral examination

Module Content\ schedule and outlines:

Required reading:

Additional literature

*** All learning material will be available to the students on the module's website (high-learn)/ library/ electronic documents available to BGU students.**







