**Name of the module: Clinical Infectious Diseases**

**Number of module: 471.8.5063**

- **BGU Credits:** 1.5
- **ECTS credits:**
- **Academic year:** 5th
- **Semester:** 1st and 2nd
- **Hours of instruction:** Selective One week.
- **Location of instruction:** Soroka University Medical Center
- **Language of instruction:** Hebrew
- **Cycle:** 2nd degree (MD)
- **Position:** Selective clerkship as a part of clinical teaching
- **Field of Education:** Internal Medicine and Pediatrics
- **Responsible department:** Infectious Diseases Department

**Course Description:** Clinical basic exposure in Infectious diseases in adults and children

**Aims of the module:** To acquire basic knowledge in major clinical topics in infectious diseases

**Objectives of the module:** To enable students to recognize and understand the etiology, clinical course, treatment and prevention of the most common types of infectious diseases in adults and children and to understand their epidemiological and public health significance.

**Learning outcomes of the module:** On successful completion of the course, the student should be able to:

1. To diagnose and treat common community acquire infectious diseases: upper and lower respiratory tract infections, urinary tract infectious, skin and soft tissue infections, central nervous infections, gastrointestinal infectious.
2. To identify the major causes and clinical presentation of common hospital acquired infections; to be familiar with basic infection control measures in hospital setting
3. To know and understand principles of antimicrobial agents.
4. To know and understand principles of vaccination in children and adults
5. To understand the clinical course, diagnosis and principles of therapy of infectious diseases in immuncompromise patients (AIDS, oncology, …)

**Attendance regulation:** Attendance mandatory

**Teaching arrangement and method of instruction:**

1. Bedside teaching at Infectious Diseases and AIDS Clinic and at Pediatric Infectious Diseases Unit, Soroka University Medical Center
2. Frontal teaching based on clinical case presentations, discussions and problem oriented learning.

**Assessment:**

Students will be assessed based on attendance and a case presentation

**Time required for individual work:** Students are required to study and review the lectures at home and to review the topics of the next day (about two hours a day).

Case presentation preparation will take 4hr.
Module Content's schedule and outlines:

### Sunday
- 09.00-12.00 Principles of antimicrobial therapy; antibacterial agents and antimicrobial resistance
- 13.00-16.00 Update on HIV epidemics

### Monday
- 08.00-12.00 Bedside teaching at Infectious Diseases and AIDS Clinic and at Pediatric Infectious Diseases Unit
- 13.00-14.30 Community acquired urinary tract infections
- 14.30-16.00 Skin and soft tissue infections

### Tuesday
- 08.00-12.00 Bedside teaching at Infectious Diseases and AIDS Clinic and at Pediatric Infectious Diseases Unit
- 13.00-14.30 Central Nervous System Infections
- 14.30-16.00 Gastrointestinal infections

### Wednesday
- 09.00-10.00 Grand round in Hemato-oncology ward
- 10.00-12.00 Community acquired respiratory tract infections
- 13.00-14.30 Sexually transmitted infections
- 14.30-16.00 Common Zoonotic infections

### Thursday
- 08.00-10.00 Principles of vaccination in children and adults
- 10.00-12.00 Endocarditis
- 13.00-16.00 Case presentations (students)

### Required reading:
Students are expected to read the lectures as presented as ppt presentations.

### Additional literature:
Bibliography of the module is based on Harrison's Principles of Internal Medicine 18th Edition, and corresponding topics.
* All learning material will be available to the students on the module's website (high-learn)/ library/ electronic documents available to BGU students.