**Name of the module:** Neurosciences 4th year Medicine

**Number of module:** 471-8-4028

**BGU Credits:** 7.5

**ECTS credits:**

**Academic year:** 4th year medicine

**Semester:** First semester

**Hours of instruction:** 8:15am – 4:00pm

**Lectures:** 73 hours

**Clinical discussions:** 6 hours

**Location of instruction:** Daily lectures will take place in the Deichmann Building for Health Professions. Specific classroom numbers are indicated in the schedule.

**Language of instruction:** Lectures will be given in Hebrew.

**Cycle:** MD

**Position:** Obligatory module intended for 4th year medical students

**Field of Education:** Neurology

**Responsible department:** Neurology Department, Soroka University Medical Center.

**General prerequisites:** Students should complete successfully the following modules: Basic pathology, Molecular Biology, Medical Biochemistry, Medical Physiology and Neurophysiology, Cell physiology and Neuroanatomy

**Grading scale:** Successful passing of multiple-choice questions examination with a score of 65 or higher.

**Course Description:** Basic course in Neurology

**Aims of the module:** The goal of the neurology module is to introduce and teach basic principles and practice in central and peripheral nervous system diseases.

**Objectives of the module:** Objectives are to teach students the major central and peripheral nervous system diseases, including physiology, pathology, pharmacology, clinical manifestations and imaging studies.

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

1. Understand physiological principles of neurophysiology.
2. Recognize and have basic knowledge in the main pathologies of nervous system disorders.
3. Know and understand the pathophysiology, epidemiology, clinical manifestations, diagnosis and management of major nervous system disorders.
4. Recognize basic imaging and electrophysiological methodologies used in the diagnosis of nervous system disorders and their clinical applications.

**Attendance regulation:** Attendance to the oral lectures is 80% obligatory. Participation in clinical discussions is mandatory.

**Teaching arrangement and method of instruction:** Instruction in the module is based on frontal oral lectures and clinical discussions.
Assessment:
Students will be assessed in the module only by passing MCQ exam with a score of 65 or higher.

Work and assignments: Students are required to take active part in the clinical discussions and the histo-pathological labs.

Time required for individual work: in addition to attendance in class, the students are expected to do their assignment and individual work about two hours/day

Module Content schedule and outlines: the content and structure of the module, including detailed subjects, and their order.

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


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