**Name of the module:** therapeuticissues in the treatment of patients with central nerve system lesion: part 2

**Number of module** 473-2-0006

BGU Credits: 3

ECTS credits: number of credits in the European Credit Transfer System

Academic year: 2

Semester: second

Hours of instruction: the hours in which the module takes place

Location of instruction: the location of lectures (or any other kind of instruction) in the module

Language of instruction: Hebrew, reading in english

Cycle: the degree level in which the module is being taught.

Position: obligatory.

Field of Education: neurological clinical course

Responsible department: physiotherapy.

General prerequisites BPT

Grading scale: presence-obligatory. 20% presentation. 80% case study

Course Description: in this module we will expand the clinical knowledge and the clinical skills in the treatment of patients with varied central nerve system lesions based on the clinical and up to date literature knowledge.

Aims of the module: to enrich the theoretical knowledge and develop the clinical skills. Analyze of treatment principles, clinical case studies, build of graded treatment plan, grading of the treatment.

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 Objectives of the module: at the end of the module the student will develop a broad advanced clinical reasoning and develop clinical skills to the evaluation and treatment of patients with central nerve system lesion regarding the different aspects of each situation.

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

1. To evaluate patient with CNS lesion regarding the unique aspect of each situation.
2. To analyze movement, function and to identify the impairments in the movement and the function of patient with CNS lesion.
3. To make a graded treatment plan task specific and task oriented regarding the patients environment, family and activity.
4. To develop clinical skills for the treatment of patient with CNS lesion.

Attendance regulation: 80% attendance is obligatory. Active participation.

Teaching arrangement and method of instruction: frontal classes, case studies, Lab, student presentations.

Lecturer ronnit Feingold polak

Contact details: rpkf@zahav.net.il

Office phone:

Email:

Office hours: days and hours when the lecturer and\or assistant are available at the office for the students.

Module evaluation: at the end of the semester the students will evaluate the module, in order to draw conclusions, and for the university's internal needs

Confirmation: the syllabus was confirmed by the faculty academic advisory committee to be valid on XXX (academic year)

Last update: 22.4.15

Assessment:

how the students will be assessed in the module

1. Presentation-20%
2. paper-80%

 100%

Work and assignments: this module will be of frontal classes, lab classes, case studies analysis and discussions. The students required to be active participants. In the last class the students will assign a 10-15 minutes presentation in groups of 2-3 students. The subject will be discussed in the class. At the end of the module the students will submit an integrated paper.

Module content

1. balance
2. the traumatic brain injury patient
3. respiratory care of neuromuscular patients.
4. Upper limb: movement analysis and rehabilitation approach
5. Locomotion
6. Movement disturbances
7. telerehabilitation

reading list:

.Davies PM. Steps to follow: the comprehensive treatment for patients with hemiplegia. 2nd edition. Springer-Verlag Berlin 2000.

2. Pope PM. Severe and complex neurological disability. Elsevier 2007.

3. Shumway-Cook A. and Woollacott MH. Motor Control: translating research into clinical practice. 4th edition. Lippincott Williams & Wilikins 2012.

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

Reading assignments will be given during the semester

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