

Academic Year: ( 2024 / 2025 )

Review date: 01-02-2024

Department assigned to the subject: null

Coordinating teacher:

Type: Electives ECTS Credits : 6.0

Year : 4 Semester :

#### DESCRIPTION OF CONTENTS: PROGRAMME

1. Knowledge of the patient. Neurological examination techniques. Neurological case histories.
2. Measurement of electrophysiological activity. Electroencephalogram, evoked responses, electromyography, nerve conduction studies.
3. Neuroimaging techniques. MRI, CT, PET, SPECT, angiography, neuroecography, Echo Doppler.
4. Molecular biomarkers of the alteration and deterioration of the nervous system.
5. Invasive intervention techniques (lumbar puncture, biopsy).

#### LEARNING ACTIVITIES AND METHODOLOGY

Classroom lectures.  
Face-to-face classes: reduced (workshops, seminars, case studies).  
Student individual work.  
Laboratory session.  
Final exam.

Seminars and lectures supported by computer and audiovisual aids.  
Practical learning based on cases and problems, and exercise resolution.  
Individual and group or cooperative work with the option of oral or written presentation.  
Individual and group tutorials to resolve doubts and queries about the subject.  
Internships and directed laboratory activities.

#### ASSESSMENT SYSTEM

<b>% end-of-term-examination:</b>	60
<b>% of continuous assessment (assignments, laboratory, practicals...):</b>	40

Final exam.  
Continuous evaluation.