COURSE UNIT

Neuropsychological and Psychopathological Syndrome

HEAD LECTURER

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ACADEMIC STAFF

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LEARNING OUTCOMES

1. Acquire knowledge about the semiology of the neurologic/neurosurgical and psychiatric patient.

2. Recognize the main pathological signs after the neuropsychological assessment interview and the neurological examination.

3. Know the epidemiology of the different neuropsychological and psychiatric pathologies.

4. Recognize the clinical signs and symptoms of the different neuropsychological and psychiatric pathologies.

5. Train the skills of diagnosis in neuropsychology and psychiatry as well as the structuring of the functional and etiological diagnosis in syndromes, topography and anatomy.

6. Identify clinical conditions that require a specific clinical approach.

SYLLABUS

Neurological semiology

1.1. Basic notions of the Neurological Examination

Language Deficit

2.1. Aphasic Syndromes

Memory and Learning Deficit

3.1. Mnesic Syndromes

Deficit of Visual-Space skills, Visual-Constructive skills and Motor skills

4.1. Apraxic Syndromes

Functional executive deficit

5.1. Dysexecutive syndrome

Attentional deficit

Neuropsychology of neurological disorders

7.1. Traumatic Brain Injury

7.2. Ischemic Brain Injury

7.3. Dementias

7.4. Movement disorders

7.5. Demyelinating diseases

Neuropsychology of Psychiatric Disorders

8.1. Schizophrenia

8.2. Obsessive-Compulsive Disorder

8.3. Mood disorder

8.4. Substance abuse

Approach to the patient with neuropsychological syndromes

9.1. Delirium, Shaking, Aphasia, Hemiplegic.

TEACHING METHODS

Eight teaching methodologies will be favored: (1) oral presentation of contents; (2) functional classification by means of medical images; (3) knowledge deepening by reading scientific articles; (4) analysis and discussion of clinical cases; (5) watching videos showing clinical cases; (6) guided group discussion; (7) Live and video demonstrations and (8) observation in clinical contexts. The e-learning platform will be used to provide the documents of the Curricular Unit.

ASSESSMENT METHODS

1. Attendance and participation in the classes (10%);

2. Short answer questions about the topics addressed in the course (60%);

3. Clinical case study analysis (30%) on the topics addressed in each class (30%).

BIBLIOGRAPHY

1. Green, R.L., Ostrander, R.L. (2009). Neuroanatomy for students of behavioral disorders. New York: Norton & Company.

2. Schoenberg, M.R. Scott, J.G. (Eds). (2011). The Little Black Book of Neuropsychology: A Syndrome-Based Approach. New York: Springer.

3. Shenton, M.E., Turetksty, B. (2011). Understanding Neuropsychiatric Disorders. Insights from Neuroimaging. New York: Cambridge University Press.