

COURSE UNIT

Practicum in Clinical Neuropsychology

HEAD LECTURER

Óscar Gonçalves

ACADEMIC STAFF

Adriana Sampaio; Ana Pinheiro; Ana Raposo; Jorge Almeida; Mário Simões

LEARNING OUTCOMES

The goal of the practicum in clinical and experimental neuropsychology is to provide students with the possibility of a first and direct contact with the clinical context in neuropsychology, enabling them to investigate several neuropsychological processes in the laboratory context (experimental neuropsychology practicum), as well as for the use of neuropsychological assessment and rehabilitation techniques in a clinical setting (clinical neuropsychology practicum).

SYLLABUS

Internship/practicum in Clinical Neuropsychology

1. Observation of neuropsychological assessment appointments.
2. Supervised application of psychological assessment tools.
3. Elaboration of neuropsychological evaluation reports.
4. Observation of psychological rehabilitation appointments.
5. Supervised performance of psychological rehabilitation appointments.

Internship in Experimental Neuropsychology

1. Training and carrying out tasks (preparation of communications in laboratory space, supervision of research assistants, journal clubs, etc.).
2. Preparation of experimental protocols using advanced programming techniques.
3. Collection of data (neuroimaging data, psychometric data) and analysis of data in light of the advanced techniques developed in the various UCs.
4. Preparation and execution of data presentations at national and international conferences.
5. Production of scientific manuscripts for publication.
6. Participation in the conceptual process of creating experiments.

TEACHING METHODS

Four methodologies will be employed during the internship: (1) observational learning of different methodologies of neuropsychological investigation, evaluation and rehabilitation; (2) supervised practice of different methodologies of neuropsychological investigation, evaluation and rehabilitation; (3) readings, seminars and discussions that will widen the students' core knowledge; (4) preparation of clinical and / or research reports.

ASSESSMENT METHODS

- Overall assessment of internship activities (50%);
- Internship Report (50%).

BIBLIOGRAPHY

1. Donders, J. (Ed.) (2016). Neuropsychological report writing. N.Y.: Guilford.
- Morgan, J. E., & Ricker, J. H. (2016). Textbook of clinical neuropsychology (2nd ed). N.Y. Taylor & Francis.
2. Rapp, B. (2001) Handbook of cognitive neuropsychology: What deficits reveal about the human mind. New York: Psychology Press.
3. Ward, J. (2009). The Student's Guide to Cognitive Neuroscience, 2nd Edition. New York: Psychology Press.