UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neuropsychological Assessment in Adulthood

2324-2-F5104P039

Learning area

PSYCHOLOGICAL FUNCTIONING: MODELS AND METHODS FOR ASSESSMENT

Learning objectives

Knowledge and understanding

· The approach to the adult neuropsychological patient

· The cognitive-behavioural history

· Psychometric instruments for the assessment of cognitive deficits

· Clinical cases: adult patients with cognitive deficits

Applying knowledge and understanding

· Critical discussion of neuropsychological cases

. Diagnostic procedure in clinical neuropsychology

. Writing a clinical report and how to effectively communicate the results to the patient

Contents

The lab course aims to provide students with applicative skills for performing the neuropsychological examination in the adult patient. The students will take part in practical training with the psychometric tests most commonly used for the assessment of the cognitive deficits, paying particular attention to the different evaluative approaches in relation to the etiology of the disorders and the site of the brain lesion. Clinical cases of brain-damaged patients will be also shown and discussed, along with the description of their clinical assessment. This will provide a realistic insight about various types of neuropsychological disorders. The students will practice how to interpret the results, with emphasis on both quantitative and qualitative aspects, write clinical reports and communicate the results to the patient.

Detailed program

- The clinical interview in neuropsychology;
- The psychometric features of neuropsychological tests;
- Identification of cognitive and emotional-motivational deficits due to brain damage;
- Assessment of acquired oral and written language disorders;
- Assessment of voluntary movement disorders;
- Assessment of visuo-perceptual disorders;
- Assessment of visuo-spatial disorders and unilateral spatial neglect;
- Assessment of executive and attentional deficits;
- Assessment of memory disorders;
- Interpretation of the results and how to write clinical reports;
- Neuropsychological assessment and telemedicine.

Prerequisites

A good background on neuropsychology enables a better understanding of the topics discussed in this course.

Teaching methods

Lessons will be held in presence through lectures, discussions, videos, practical training.

Assessment methods

Practice test consists of the presentation of clinical cases.
The student will be required to propose diagnostic hypotheses, and indicate which test would perform for the specific patient, or interpret the data provided suggesting a neuropsychological diagnosis.

Textbooks and Reading Materials

The teaching material (mainly in English) will be indicated during the course and uploaded on the E-learning page.

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING