UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Rehabilitation Program in The Neuromotor Field

2425-3-I0201D143-I0201D222M

Aims

Acquire more tools to generate the necessary questions and identify the consequent objectives to plan a rehabilitation program, sensitive to complex needs in physiotherapy rehabilitation, of subjects with CNS lesions-dysfunctions

Contents

Presentation of syndromes and specific rehabilitation approaches that require in-depth analysis, with particular attention to the functional recovery of the upper limb. Guide to a critical examination of the presentation of some physiotherapy intervention protocols and approaches

Detailed program

- Recovery of motor skills of the upper limb in stroke outcomes: principles of sensorimotor guidance for the recovery of the reaching and grasping function compared to some conceptual models:

According to principles *Task Oriented Training* (Constraint Induced Movement Therapy).
Concepts of lerned not use, TOT and Shaping.
Criteria for inclusion and administration in CIMT protocols, their variability and strengths,

Second *Bobath concept*
Planning to obtain posture and functional pre-patter necessary for programming the reaching gesture even with a non-functional hand.

- Controversive Pushing Syndrome
  Pathology of postural control in stroke outcomes: what priorities

Prerequisites

Assimilation of knowledge that the CdL offers, including internship skills.

Teaching form

Frontal teaching activity.
Interactive teaching moments with presentation of simple clinical questions and short group research reports.

Textbook and teaching resource

Films and slides selected by the teacher, Selection of scientific articles presented to support the topics of the lessons

Semester

First semester

Assessment method

Test: multiple choice, open-ended questions. Weighted number of questions compared to those of the other integrated teaching modules

Office hours

By appointment

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY