UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Rehabilitative Approach To The Spinal Cord Injuries

2526-2-I0201D136-I0201D204M

Aims

To understand the clinical characteristics of spinal cord injury and its main patterns of progression over time. (Dd 1)

To acquire knowledge of approaches aimed at stimulating intrinsic neurological recovery.(Dd 1)

To comprehend the foundations for defining a global rehabilitation treatment plan for patients with spinal cord injury.(Dd 1)

To apply acquired knowledge to the analysis of clinical cases involving patients with spinal cord injury, with reference to the different patterns of progression.(Dd 2)

To develop an individualized rehabilitation plan by integrating strategies for motor and functional recovery, based on the clinical assessment.(Dd 2)

Contents

Recovery after a spinal cord injury depends on the level and extent of the damage. This module il focused on the assessment of the patient with spinal cord injury, rehabilitation project and the specifics of the rehabilitation.

Detailed program

- the spinal cord injury

- residual musculature training

- planning for the home return

- occupational therapy

- sport therapy

- definition of the “personalized aid devices plan”

- planning of the intervention for social and family reintregration

Prerequisites

neuroanatomy, neurophysiology and semeiotics

Teaching form

Classes - 6 hours
Interactive teaching (clinical case discussion) - 6 hours

Textbook and teaching resource

Handouts

Semester

1st semester

Assessment method

Described in the subject's syllabus

Office hours

By appointment

Sustainable Development Goals

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