



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Rehabilitative Approach To The Spinal Cord Injuries

2526-2-I0201D136-I0201D204M

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#### 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 is 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 reintegration

## **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

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