UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

# COURSE SYLLABUS

## Rehabilitation of The Severe Brain Injury

**2425-3-I0201D143-I0201D226M**

### Aims

"Understand rehabilitative nosography. Understand the differences between acute care medicine and rehabilitative medicine. Be able to set up a rehabilitation program for typical coma outcomes. Analyze and evaluate onset, symptoms, and treatment efficacy, remembering that, for the same illness, different problems may arise in men and women."

### Contents

severe brain injury
medical approach
speech therapy approach
approach
neuropsychological
physiotherapy approach

### Detailed program

- Concept of rehabilitation in severe brain injury
- Need for an anthropological definition for rehabilitation
- ICF nosography: principles and use in severe brain injury
- Application of principles to the organization of intervention in severe brain injury
- Coma, the state of minimal consciousness, and full consciousness
- Typical complications of severe acquired brain injury
- Dysphagia, enteral and parenteral nutrition, management of the tracheostomy cannula, respiratory

physiotherapy, and reconditioning to fatigue
- Recovery of associative cortex functioning

## Prerequisites

basic knowledge, notions of clinical neurology and rehabilitation methodolog

## Teaching form

frontal lessons and exercitations

## Textbook and teaching resource

Plum and Posner's: Diagnosis of Stupor and Coma.

## Semester

2.nd semester

## Assessment method

single choice quiz, open question, oral at the request of the student. preference will be given to clinical questions in which the capacity for therapeutic reasoning is highlighted

## Office hours

By appointment

## Sustainable Development Goals

GOOD HEALTH AND WELL-BEING