



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Rehabilitation of The Severe Brain Injury

2627-3-I0201D143-I0201D226M

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#### 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 exertations

## **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

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