



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Pediatric Rehabilitation

2627-3-I0201D146-I0201D159M

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#### Aims

##### Dublin Descriptor 1 – Knowledge and understanding

- To understand the role and areas of intervention of the physiotherapist in the pediatric field.
- To describe the main clinical parameters of typical neuropsychomotor development in children.
- To identify the main clinical challenges associated with preterm birth and the neurological conditions that may arise in full-term newborns.
- To recognize the clinical characteristics of cerebral palsy and the main neuromotor sequelae associated with pathogenic factors in pediatric age.
- To understand the general principles for planning rehabilitative treatment in pediatric patients.
- To become familiar with the main rehabilitation practices and the interdisciplinary setting used in pediatric rehabilitation.

##### Dublin Descriptor 2 – Applying knowledge and understanding

- To apply assessment principles and rehabilitation planning to simulated pediatric clinical cases, with particular focus on neuropsychomotor development.
- To identify key clinical elements for planning physiotherapy interventions in the main neuropediatric conditions, in collaboration with the interdisciplinary team.

#### Contents

The course aims to approach the very particular and delicate field of pediatric rehabilitation which, due to the characteristics of the patient and what revolves around him, requires very detailed reading. The rehabilitation proposal is therefore placed in a setting that asks to be understood and circumscribed, before being created and experienced.

We will therefore subsequently provide the tools for a correct reading of the case studies and the methods of

management of the main clinical conditions in the pediatric field.

## **Detailed program**

- Lesson 1  
Presentation of the course  
Psychomotor evolution of the healthy child  
Etiology
- Lesson 2  
Review of the main notions  
Etiology: preterm and term birth and pathogenic noxe  
Movement in the main pathologies in the pediatric field  
Watching videos and discussing clinical cases
- Lesson 3  
Review of the main notions  
Rehabilitation methods in the pediatric field  
Taking care of the pediatric patient
- Lesson 4  
Review of the main notions  
The treatment: premises, methods, setting, approach strategies

## **Prerequisites**

## **Teaching form**

Classes 6 hours

Interactive teaching 6 hours

- Clinical case discussion
- Watching videos and discussing
- Case report

## **Textbook and teaching resource**

- Slides
- Video

## **Semester**

2nd semester

## **Assessment method**

Described in the subject's syllabus

## **Office hours**

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## **Sustainable Development Goals**

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

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