UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Pediatric Rehabilitation

2526-3-I0201D146-I0201D159M

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

gabriele.ceruti@unimib.it

Sustainable Development Goals

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