



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Neurologia Infantile 2

2425-2-I0202D141-I0202D035M

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#### Aims

To know the pathophysiological and clinical bases of the motor system and the sensory system

#### Contents

Pathophysiology of the motor system and of the sensory system  
Clinical examination of the motor and sensory functions  
Introduction to motor and sensory disorders  
States of consciousness

#### Detailed program

Development and pathology of the motor system  
The neurological examination  
Assessment of motor function (strength, tone, reflexes)  
Pyramidal, extrapyramidal, cerebellar semiology  
Definition and introduction to neuromotor disorders: cerebral palsy, disorders of motor coordination and programming, hyperkinetic movement disorders

The sensory examination  
Lesions of the peripheral nervous system  
Cranial nerves: functions and deficits  
States of consciousness and arousal

## **Prerequisites**

Basic neuroanatomy and neurophysiology

## **Teaching form**

Lectures with use of slides; interactive discussion of clinical cases

## **Textbook and teaching resource**

Blumenfeld H. Neuroanatomy through clinical cases (Third Edition). Oxford University Press, 2021.  
Lecture slides

## **Semester**

1st semester

## **Assessment method**

Multiple-choice questionnaire + open question

## **Office hours**

By appointment

## **Sustainable Development Goals**

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

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