



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Neurosurgery

2223-2-I0202D123-I0202D037M

---

#### Aims

To learn the main pediatric neurosurgical pathologies under the light of CNS embryology and physiopathology and to learn their treatments.

#### Contents

Description of the main pediatric neurosurgery pathologies of potential interest for a development therapist during a common outpatient clinic

#### Detailed program

CNS embryology.

Neural Tube Defects.

Intracranial Hypertension , Hydrocephalus and posterior fossa syndrome

Craniofaciosynostosis

Infantile brain and spine tumors

Arachnoid cysts

## **Prerequisites**

Knowledge of principles of neuroanatomy

## **Teaching form**

During the Covid-19 period the lesson will be delivered with a mixed modality: frontal lessons and synchronous/asynchronous video recorded lessons.

## **Textbook and teaching resource**

Power point slides and pdf review papers

## **Semester**

Second Semester

## **Assessment method**

Multiple choice test. Final oral exam at the discretion of the teacher or on the student's proposal regarding the project.

## **Office hours**

You receive by appointment

## **Sustainable Development Goals**

---