UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neurology and Neurosurgery Sciences

2122-2-I0202D123

Aims

The course aims at developing the students' knowledge of the basics of pharmacology. The knowledge of of how to evaluate the neuropsychiatric adaptive functions, neuropsychopatology of developmental age and of clinical frames of cerebral palsy, and diseases and treatments of neurosurgical interest in children.

Contents

CHILD NEUROLOGY 3: Anamnestic data collection. Cerebral palsy. Neuromuscular diseases. The forked thorn CHILD NEUROPSICHIATRY 2: Assessment ofneuropsychological and adaptive functions. Neuropsychopatology ofdevelopmental age. Premature children: classification and characteristic. Premature birth causes. Characteristic of premature child. Evaluationmodels. The follow up. Risk factors of premature birth: biological, habitat,relational. The mayor and the minor neurological results. Precocious signs of PCI and most frequent forms. NEUROSURGERY: Central Nervous System embryology. Developmental disorders of neurosurgical interest. PHARMACOLOGY: Pharmacokinetics : Pharmacodynamics: Neurotransmission . Pharmacological therapy.

Detailed program

Prerequisites

Teaching form

Lectures

In the Covid-19 emergency period, lessons will be held remotely asynchronously with synchronous

videoconferencing events

Textbook and teaching resource

Semester

Second Semester

Assessment method

Written exam: quizzes with single / multiple choice and open questions with brief answer.

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

During the Covid-19 emergency period the exam will take place electronically with proctoring control.

Office hours