UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neurology and Child Neuropsychiatry

2021-2-I0202D125

Aims

By the end of the course, the participants will be able to describe the typical clinical framework of disorders of the nervous system, and the normal relational and pathological mechanisms. The students will alsounderstand the clinical expression of the altered development of the nervous system, and know the central nervous system and personality development steps and physics of radiation

Contents

CHILD NEUROLOGY I: The Sensory System: sensorial examination. Subjective and objective sensorial disorders. Pain and pain-reception. Topographical sensorial semiotic. CHILD NEUROLOGY II: The Motor System: movement and postural disorders and alterations in Base Ganglion and Cerebellum pathology. Equilibrium and gait disorders. Cranial Nerves. CHILD NEUROPSYCHIATRY: Hypoxic-ischemic-haemorrhagic syndrome . Fundamentals of neonatal neurophysiological examinations. Epilepsy. CLINICAL PSYCHOLOGY: The difficult patient and personal narrative . Interpersonal motivational systems. Attachment in the relationship with patients The placebo effect. NEURORADIOLOGY:Diseases related to neuroradiology. Functional Neuroimaging in child. RADIATION PHYSICS: X-ray and radioactivity. Overview of radiation protection and biological effects of ionizing radiations. INFORMATION PROCESSING: Basics for the main imaging techniques.

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

First 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

You receive by appointment