UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neurology

2021-5-H4101D266-H4101D192M

Aims

Teaching Unit of "Neurology" within the Course of "Nervous System Disorders"

To recognize signs and symptoms of neurological disorders through deep knowledge of physiopathology and semeiology of the correspondent nervous system dysfunction.
To learn the nosology and clinical expression of these specific neurological diseases .
To learn the principles of the correct management of these specific neurological disorders.

Contents

Basic neuroanatomy and neurophysiology. Localization, differential diagnosis and treatment of these specific neurological disorders

Detailed program

The goal of the course “Diseases of the Nervous System” is to lead the student to know primary and secondary disorders of central and peripheral nervous system. This will be achieved through the knowledge of pathogenesis and clinical features, to allow appropriate diagnosis, prognosis and, in most cases, appropriate treatment. Based on anamnesis, symptoms, neurological examination and few and selected imaging and laboratory tools, the student must know how to formulate a neurological diagnosis, answering the following questions: 1. “Where is the lesion located?” 2. “ What kind of lesion is it?” In order to reach these objectives, a preliminary knowledge of neuroanatomy, neurophysiology, pathology, is needed, as well as the learning of appropriate skills (neurological

anamnesis, semeiology and neurological examination) and know how (differential diagnosis of main neurologic pathologies, imaging and laboratory exams, diagnosis and therapy of most common neurologic disorders and neurologic emergencies

Prerequisites

Knowledge of morphology and functions of different parts of central and peripheral nervous system. Neuropharmacology and Neuroradiology

Teaching form

Frontal lessons, with e-learning and small groups for COVID emergency

Textbook and teaching resource

C. Ferrarese I. Appollonio et al. Core Curriculum “Malattie del sistema nervoso” Mc Graw-Hill 2nd ed. 2016

Semester

5th Year - First Semester

Assessment method

Oral exam within the course of Nervous System Disorders

Office hours

E-mail contact with professor for appointment