UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Diagnostics

2425-4-H4102D028-H4102D104M

Aims

The student should be able to know the limits and specific applications of instrumental investigation techniques in the neuroradiological field. The student will be provided with basic notions relating to diagnostic imaging techniques and their applications, the most recent functional diagnostic techniques will also be presented.

Contents

Neuroradiology of the central nervous system, skull and spine for pathologies related to physiotherapy rehabilitation

Detailed program

Neuroradiological imaging methods for physiotherapy

Neuroimaging in brain injury

Neuroimaging of cerebral ischemic and hemorrhagic stroke

Neuroimaging of traumatic and vascular pathologies of the spinal cord

Neuroimaging of degenerative spine pathology

Prerequisites

Teaching form

Lectures in attendance

Textbook and teaching resource

- Handouts
- Osborn's Brain - by Anne G. Osborn, Luke L. Linscott, Karen L. Salzman, Ed.: Elsevier, 3rd edition 2023
- Diagnostic Imaging: Spine 4th Edition, by JS Ross and KJ Moore - Elsevier 2020 (optional)

Semester

2nd semester

Assessment method

Written exam with open-ended questions

Office hours

By appointment

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING