UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neuro-Oncological Surgery

2324-5-H4101D311

Aims

To learn the main brain tumors biology/genetics, their clinico-radiological features and their treatments strategies.

Contents

High and low grade Gliomas

Meningiomas and acoustic Schwannomas

Pituitary tumors and Craniopharyngiomas

Ependymomas

Rare Tumors

Metastatsis

Biology and genetics of brain tumors

Surgical techniques for location and hystotype

Detailed program

High and low grade Gliomas and adjuvant therapies (Chemo and Radio)

Meningiomas and acoustic Schwannomas

Pituitary tumors and Craniopharyngiomas

Ependymomas

Rare Tumors

Metastatsis

Biology and genetics of brain tumors

Surgical techniques for location and hystotype: microneurosurgery, skull base surgery, neuroendoscopy, awake surgery and intraoperative neurophysiology

Prerequisites

Knowledges of neurology, Neuronatomy and Neurophysiology

Teaching form

Frontral lessons apart from different indications due to Covid-19 emergency

Textbook and teaching resource

Slides and pdf of updated lecterature.

Semester

Assessment method

Presence/absence of the student

Office hours

Sustainable Development Goals