

UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neuro-oncological Surgery

2122-5-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)

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

Meningiomas and acoustic Schwannomas