

UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neuro-Oncological Surgery

2526-5-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
Lectures
Textbook and teaching resource
Slides and scientific papers
Semester
second semester
Assessment method
Attendance to the Course
Office hours

to be agreed with the Teacher

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Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION