UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neuro-Oncological Surgery

2425-5-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