UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Diagnostics and Radiation Oncology

1920-3-H4102D020-H4102D067M

Obiettivi

1.
Understanding the basic principles of conventional radiology, computed tomography, ultrasound, and magnetic resonance imaging.

2.
Understanding the importance of each imaging modality in detecting, staging, and follow-up of neoplastic disease.

Morphologic and functional imaging in oncology: state of the art, and future perspectives.

Contenuti sintetici

1. Imaging technique of choice for detection of the most common solid tumors in the central nervous system, thorax, and abdomen: the rationale.

2. Staging of the most common solid tumor as above: the key point of diagnostic imaging. Strength, and weakness of cross sectional imaging techniques. How to properly assess actual tumor spread in the view of optimal treatment planning.

Imaging follow up, and patient tailored therapy.

Programma esteso

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Prerequisiti

corsi propedeutici ai Vertical Track secondo il regolamento

Modalità didattica

lezioni frontali e attività a piccolo gruppo

Materiale didattico

da definirsi

Periodo di erogazione dell'insegnamento

secondo semestre

Modalità di verifica del profitto e valutazione

esame integrato

Orario di ricevimento

su appuntamento