UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Oncology II

2425-3-H4102D058-H4102D074M

Aims

Understand the indications for imaging techniques for the purpose of

- screening,
- diagnosis,
- staging,
- restaging
- monitoring of response to treatment
  Know and understand the methods of providing advanced interventional diagnostic radiology treatments,
  Know and understand the methods of delivery of advanced radiometabolic and radioligand therapy treatments
  Know and understand the methods of delivery of advanced external beam radiotherapy treatments.

Contents

This module aims to expose students to an important phase of the Patients' Journey of the cancer patient, when they are subjected to imaging techniques - for the purposes of screening, diagnosis, staging, restaging and monitoring the response to treatment - and advanced treatments of interventional radiodiagnostics, metabolic radiotherapy and radioligand therapy and external beam radiotherapy.
It is, in fact, our belief that understanding how this experience takes place is fundamental for all doctors who will be called upon to answer specific questions. Having the correct background information is essential in order not to create false fears or false expectations and increase the patient's compliance with this phase of his diagnostic-therapeutic path.
In particular, we believe that the evolution of modern medicine requires the understanding of all procedures, even those that are very specialized and highly complex, which are part of the integrated treatment of tumors. It is not uncommon, in fact, for patients to receive, as part of the therapeutic strategy of their neoplasm, several treatments integrated in a sequential perspective. Therefore, knowing the risk-benefit ratio helps to build this strategy, avoiding

wasting opportunities and optimizing available resources

Detailed program

During this module, students will be exposed to the daily clinical activities of providing diagnostic tests for the purposes of screening, diagnosis, staging, restaging and monitoring of response to treatment and to advanced treatment sessions of interventional radiodiagnostics, metabolic radiotherapy and radioligand therapy and external beam radiotherapy.
In this way they will be able to have the basic knowledge to be able to answer the main questions that all doctors are asked to answer when they propose an image test to a patient.
The evolution of modern medicine requires the understanding of all procedures, even the very specialized and highly complex ones that are part of the integrated treatment of tumors. In fact, it is not uncommon for patients to receive, as part of the therapeutic strategy of their neoplasm, various treatments integrated in a sequential perspective. Therefore, knowing the risk-benefit ratio helps to build this strategy, avoiding wasting opportunities and optimizing available resources.

Prerequisites

This clearkship required the basic knowledge of IMAGE DIAGNOSTICS and ONCO-HEMATOLOGICAL DISEASES.

Teaching form

Internship and clincial case discussion.

Textbook and teaching resource

Specicif literature, clinical and procedural guidelines

Semester

1 semester

Assessment method

competences assessment during the internship

Office hours

8:30-18

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING