UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Medical Oncology

2021-5-H4101D268-H4101D196M

Aims

The lectures have the objective to provide students with the key elements of medical oncology.
During the 5th year the following topics will be presented:

Lessons aim to provide students with oncology key elements, such as:

· definition of the application area of medical oncology (diagnostic tests, treatment finality, therapeutic strategies)

· Prevention and lifestyles (how smoking habits, obesity and alcohol consumption can be a risk factor for cancer onset

· mechanisms of action of the main drugs used in clinical practice (chemotherapy, immunotherapy, biologic therapy)

· communication and relational aspects in approaching oncologic patients;

These elements are prodromal for students in order to grasp the basic concepts in order to be able to deal the subsequent issues related to the correct diagnosis and treatment of the most common cancers

Contents

Oncology key elements

interpersonal aspects of the approach to oncologic patients

Detailed program

During the Vth year these topics will be presented:

1. lung cancer (epidemiological aspects, etiology,pathological anatomy, clinical presentation, diagnosis, staging, prognosis, therapy)

2. pleural mesothelioma (epidemiological aspects, etiology,pathological anatomy, clinical presentation, diagnosis, staging, prognosis, therapy)

3. esophageal-gastric junction cancer(epidemiological aspects, etiology,pathological anatomy, clinical presentation, diagnosis, staging, prognosis, therapy)

4. Renal cancer (epidemiological aspects, etiology,pathological anatomy, clinical presentation, diagnosis, staging, prognosis, therapy)

5.Head and neck cancer (epidemiological aspects, etiology,pathological anatomy, clinical presentation, diagnosis, staging, prognosis, therapy)

Prerequisites

Student must be knowledgeable about molecular and cellular biology, which are strictly connected to oncologic diseases.

Teaching form

Lectures will be performed asynchronously, while the discussion of clinical cases will be done synchronously.

Textbook and teaching resource

DeVita, Hellman, and Rosenberg's cancer : principles & practice of oncology ediz. 2018

ed in formato elettronico:

Linee guida AIOM 2019 per ogni patologia https://www.aiom.it/linee-guida-aiom/

Linee guida ESMO 2020 http://interactiveguidelines.esmo.org/esmo-web-app/home/

Slides used during the lessons

Semester

Fifth year, II semester

Assessment method

Written examination (multiple choice and open-end questions).

Office hours

Only by appointment