



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Oncologia Medica

2425-2-I0303D010-I0303D044M

Aims

The student will learn:

- to correctly use the terms related to the main neoplastic diseases
- the tests, the correct diagnostic procedures and the guide lines for the treatment of the main cancers.
- the main action mechanisms of antineoplastic drugs

Contents

The aim of the course is to provide students with basic knowledge of Oncology.

It also aims to provide students with the basics of the specific terminology, and let them know the diagnostic criteria of the main neoplastic diseases and treatment guidelines

Detailed program

- Oncology terminology, staging, principles of drug pharmacology (chemotherapy and targeted agents)
- Breast cancer in the early stage: therapeutic algorithm in the different subtypes, side effects of the main molecularly targeted drugs, the role of the multidisciplinary team in metastatic disease, fertility preservation, the main imaging techniques used in initial staging
- NSCLC lung cancer: the role of the oncologist in the multidisciplinary team, the role of the liquid biopsy with particular reference to the role played by laboratory technicians, drugs used in oncogene-addicted and non-

oncogene tumors, main side effects, synergy with the radiotherapist and thoracic surgeon, multidisciplinary management in the advanced stage of the disease, the role of simultaneous care

- Colorectal cancer
- Head and neck tumors: diagnosis, main diagnostic imaging techniques used, the role of the dental hygienist in prevention

Prerequisites

Teaching form

Monza

5 frontal lessons of 2 hours carried out in attendance

3 interactive 2-hour remote lessons (synchronous) with discussion of peculiar clinical cases for side effects and therapeutic decisions

Bergamo

8 frontal lessons of 2 hours carried out in attendance

Textbook and teaching resource

Teacher will provide educational material.

Semester

Second semester

Assessment method

30 multiple choice questions on Medical Oncology to assess preparation on the exam programme

Office hours

By appointment required by mail

Sustainable Development Goals

