



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Oncology I

2526-3-H4102D058-H4102D073M

Aims

The Oncology's clerkship aims to provide to the students the principles and the clinical approach the patient affected by solid tumors.

In particular, the student will be trained to interpret the signs, symptoms and laboratory data that characterize:

Early and metastatic breast cancer
Early and metastatic gastro-intestinal cancer
Early and metastatic pancreatic cancer
Early and metastatic genito-urinary cancer
Early and metastatic lung cancer
Early and metastatic melanoma

Moreover, the students will be introduced to the principle of cancer epidemiology and cancer genetics (particularly in case of hereditary breast cancer) and to the knowledge and management of the main relevant emergencies in oncology.

Finally, the student will be exposed to the knowledge of the main standard anti-cancer treatments and of the most relevant innovative diagnostics and therapeutics, including:

- Genomics for prognosis and prediction
- Immunotherapies and targeted therapies

Contents

ONCOLOGY I

1. Clinical approach to the ambulatory patient presenting with suspected solid tumor of unknown origin
2. Clinical approach to the ambulatory patient presenting with breast/axillary mass
3. Clinical approach to the ambulatory patient presenting with a suspected pulmonary nodule
4. Clinical approach to the ambulatory patient presenting with a suspected colon-rectal cancer

5. Clinical approach to the ambulatory patient presenting with a suspected GU cancer
6. Clinical approach to the ambulatory patient presenting with a suspected melanoma
- ONCOLOGY II
7. The clinical management of patients/family with cancer genetic predisposition
8. The molecular evaluation of solid cancers
9. The clinical management of patients with advanced solid tumors
10. The clinical management of cancer patients enrolled in experimental clinical trials
11. The clinical management of palliative cancer treatments
12. The clinical approach to the follow up of surviving cancer patients
13. Clinical approach to the ambulatory patient presenting with acute cancer symptoms
14. Clinical approach to the ambulatory patient presenting with acute anti-cancer related toxicities

Detailed program

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Prerequisites

Basic Clinical Skills course

Teaching form

Interactive teaching (DI) mode and guided clinical observation/exercise, with briefings and debriefings by hospital tutors.

Textbook and teaching resource

Handouts and teaching materials shared during lectures and interactive teaching
DeVita, Hellman, and Rosenberg's Cancer : Principles & Practice of Oncology ed. 2023

Semester

Second term

Assessment method

Practical skills observation and rating scale assessment

Office hours

Appointment by e-mail

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY
