

Advanced Clinical Oncology

(Code: 4825, 1st – 2nd year, 1 unit)

(Course ID: GS-c4825-L)

1. Instructors

Name	Position	Department	Contact Information
MIYAKE Satoshi	Chief Instructor/ Professor	Department of Clinical Oncology	sm.conc@tmd.ac.jp
SATO Shingo	Junior Associate Professor	Medical Hospital	satoshin.phy2@tmd.ac.jp
KAMIYA Takahiro	Assistant Professor	Medical Hospital	kamiya.ped@tmd.ac.jp

2. Classroom/Lab Lecture Location

The report assignments will be informed by e-mail.

3. Course Purpose and Outline

【Course Purpose】

To understand the principle and practice of advanced clinical oncology focused on chemotherapy.

【Outline】

The practical implementation and recent trends in chemotherapy for various types of cancer will be outlined. Multidisciplinary treatment focused on chemotherapy will be explained in detail, as well as the indication, target and benefit of such treatment. In addition, recent clinical studies and topics also will be covered.

4. Course Objectives

- To understand and be able to explain information on advanced clinical oncology.
- To understand and be able to explain the current status of multidisciplinary diagnosis and treatment in advanced clinical oncology.
- To understand and be able to explain the position of advanced clinical oncology in comprehensive cancer diagnosis and treatment.

5. Format

A bidirectional class will be conducted including presentations, lectures and video content for the purpose of active participation by students taking this course.

6. Course Details

- A lecture will be given on areas where progress has been made regarding chemotherapy in organ-specialized cancer diagnosis and treatment (e.g., lung, colorectal, and blood cancer, and bone and soft tissue sarcoma).
- It is beneficial to take this course together with “Organ-specialized Cancer Therapy” and “Pediatric and Rare Cancers.”

No.	Topics
1	Importance of diagnosis, treatment and team medical care in bone metastasis (1)
2	Importance of diagnosis, treatment and team medical care in bone metastasis (2)
3	Actual state of chemotherapy—Aiming for optimal treatment of colorectal cancer (1)
4	Actual state of chemotherapy—Aiming for optimal treatment of colorectal cancer (2)
5	Current treatment of hematopoietic tumors (1)
6	Current treatment of hematopoietic tumors (2)
7	Diagnosis and treatment of esophageal cancer (1)
8	Diagnosis and treatment of esophageal cancer (2)
9	Introduction to palliative oncology (1)
10	Introduction to palliative oncology (2)

7. **Assessment**

The assessment will be by the report assignments.

8. **Prerequisite Reading**

None.

9. **Reference Materials**

To be indicated in the lecture if necessary.

10. **Language Used**

All classes are conducted in English.

11. **Office Hours**

Mon – Fri: 9:00 AM – 17:00 PM

Contact: MIYAKE Satoshi, Department of Clinical Oncology

E-mail: sm.conc@tmd.ac.jp

Please contact the instructor regarding questions or consultations.

12. **Note(s) to Students**

It is preferable to take this course together with “Pediatric and Rare Cancers.”

It is expected that anyone who is interested in the field of oncology will participate actively.