

Minimally Invasive Treatment for Cancer. I

(Code: 4821, 1st – 2nd year, 1 unit)

(Course ID: GS-c4821-L)

1. Instructors

Name	Position	Department	Contact Information
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2. Classroom/Lab Lecture Location

Daigakuin Kougishitsu 3, M&D Tower 11F

3. Course Purpose and Outline

[Course Purpose]

- Understand minimally invasive treatments for various cancers.
- Understand multidisciplinary treatments for cancer that combine surgery, radiation therapy and chemotherapy.

[Outline]

Concerning surgical technique, the concept and results of minimally invasive surgery will be presented, with visual images including video demonstration

4. Course Objectives

- To understand and be able to explain basic concepts related to surgically minimally invasive treatments for cancer.
- To understand and be able to explain the differences between conventional treatments and surgically minimally invasive treatments for cancer.
- To understand and be able to explain the role of minimally invasive treatments in comprehensive cancer diagnosis and treatment.
- To understand and be able to explain the role of minimally invasive treatments in patients' quality of life.

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. All programs are conducted in an omnibus format.

6. Course Details

No.	Topics
1	Colon diseases (1)
2	Colon diseases (2)
3	Minimally invasive treatment for hepatobiliary and pancreatic cancer (1)
4	Minimally invasive treatment for hepatobiliary and pancreatic cancer (2)
5	Minimally invasive surgery in urological diseases (1)
6	Minimally invasive surgery in urological diseases (2)
7	Minimally invasive treatment for esophageal cancer (1)
8	Minimally invasive treatment for esophageal cancer (2)
9	Lung cancer treatment (1)
10	Lung cancer treatment (2)

7. Assessment

An overall assessment of graduate school students who have participated in at least 2/3 of face-to-face lectures (including a part of those streamed live) will be made. It will comprise of the participant's attitude (participation in discussions, presentations, etc.) (30%), short tests (30%) and reporting assignments (40%). If the course is taken through E-learning, there will be a confirmation exam after the coursework is completed (also through E-learning) to assess the participant's understanding of the content. Those who pass the exam will be regarded as having fully attended this course. In those cases, the overall assessment will comprise reports with respect to discussions in the class (30%), short tests (30%) and report assignments (40%).

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 Minimally Invasive Treatment for Cancer II. It is expected that anyone who is interested in the field of oncology will participate actively.