

Pediatric and Rare Cancers

(Code: 4824, 1st – 2nd year, 1 unit)

(Course ID: GS-c4824-L)

1. Instructors

Name	Position	Department	Contact Information
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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 individual and multidisciplinary treatment for pediatric and rare cancers.

[Outline]

The classification, pathology and diagnosis of pediatric and rare cancers will be outlined. Surgery and chemotherapy, as well as a combination of both as multidisciplinary treatment 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 explain information on diagnosis and treatment for pediatric and rare cancers.
- To understand and explain the current status of multidisciplinary diagnosis and treatment for pediatric and rare cancers.
- To understand and explain the role of diagnosis and treatment for pediatric and rare cancers 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. All programs are conducted in an omnibus format.

6. Course Details

- A diagnosis and treatment of pediatric and rare cancers (head/neck, skin, and hepatobiliary-pancreatic cancer and brain tumor) will be outlined.
- This course is organized together with the course on “Organ-specialized Cancer Therapy.”

No.	Topics
1	Pediatric cancer (1)
2	Pediatric cancer (2)
3	Brain tumors (1)
4	Brain tumors (2)
5	Hepatobiliary, pancreatic cancer (1)
6	Hepatobiliary, pancreatic cancer (2)
7	From basics to application of treatment for head and neck cancer (1)
8	From basics to application of treatment in head and neck cancer (2)
9	Skin malignancies (1)
10	Skin malignancies (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

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Please contact the instructor regarding questions or consultations.

12. Note(s) to Students

It is preferable to take this course together with “Organ-specialized Cancer Therapy” and “Advanced Clinical Oncology.”

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