

Introduction to Specialized Surgeries Research

(code: 7601 1st year : 4 units)

Attendance hours	45
No attendance hours	15
Total hours	60

1. Instructor(s)

2. Lecture place

Operative Conference, B-5 conference room; Clinical Conference, A-9 conference room

3. Course Purpose and Outline

- 1) To understand ethiology, diagnosis and adequate treatment for colorectal and breast cancer.
- 2) To understand multidisciplinary treatment for unresectable colorectal cancer.
- 3) To understand ethiology, diagnosis and adequate treatment for periferal vascular disease.
- 4) To understand ethiology, diagnosis and adequate treatment for pediatric surgical disease.

4. Course Objective(s)

- 1) To make the treatment strategy for colorectal and breast cancer.
- 2) To keep and ascess QoL and organ function after operation.
- 3) To make the multidisciplinary treatment strategy for advanced colorectal and breast cancer.
- 4) To understand ethiology, diagnosis and adequate treatment for periferal vascular disease.
- 5) To make the treatment strategy for pediatric surgical disease.

5. Lecture Style

To improve the ability of presentation and communication, enough opportunities of presentation and discussion are set.

6. Course Outline

Goals/Outline:

Surgery for cancers of the colon and rectum and the breast is the most important tool, but recently chemotherapy has achieved great advance. In order to establish the strategy how to eradicate cancers, it is important to elucidate the mechanism of development and progression of cancers. The latest findings on surgical oncology are reviewed. The most effective therapy for nonresectable cancers is reviewed in view of a multidisciplinary treatment approach. Surgical treatment for cancers often complicates physiological dysfunctions in digestion, absorption, defecation, sexual intercourse and urination,

resulting in impairing post-operative QOL. The students take the lectures about anatomy and physiology of the digestive organs and the breast to acquire the knowledge required to prevent a decline in QOL.

7.Grading System

- (1)Attendance to the lectures and the conferences
- (2)Contents of the research presentation
- (3)Contents of the article

The student is evaluated in consideration of the above three points.

8.Prerequisite Reading

None

9.Reference Materials

None

10. Important Course Requirements

None

11. Language used in class

Lectures will be partially conducted in English.

12. Office Hour

13. Note(s) to students

None