

Advanced Clinical Training in Upper Digestive Surgery II at TMDU

Code:4765

Credit: 8 units

Attendance hours	360
No attendance hours	0
Total hours	360

1. Instructors

Name	Position	Department	Contact Information
TOKUNAGA Masanori	Associate Professor	Gastrointestinal Surgery	tokunaga.srg1@tmd.ac.jp
KAWADA Kenro	Junior Associate Professor	Gastrointestinal Surgery	kawada.srg1@tmd.ac.jp
FUJIWARA Hisashi	Junior Associate Professor	Gastrointestinal Surgery	hfujiiwara.srg1@tmd.ac.jp

2. Classroom/Lab Lecture

Class locations vary by course program. Please contact the instructor for details prior to attending class.

3. Course Purpose and Outline

- Learn techniques for the clinical diagnosis and treatment of highly specialized esophageal disorders that are difficult to diagnose or treat.
- Acquire the skills essential for recognition as clinical specialists in the field of upper digestive tract surgery with advanced training in the use of surgical methods, endoscopy, and advanced diagnostic instrumentation for upper digestive tract disorders.

4. Course Objectives

Gain expertise in the clinical diagnosis and treatment of upper digestive tract disorders. Additionally, investigate and prepare research papers on the physiological, molecular biological, and pathological analysis of upper digestive tract lesions, diagnostic methods, treatment plans, and surgery scheduling management.

5. Format

Clinical practice: Diagnose disorders of the upper digestive tract in patients and observe surgical operations at Medical Hospital, Tokyo Medical and Dental University. Delve more deeply into problem areas through discussions with supervising instructors and, through dialogue with peers in a small-group setting, gain experience with research paper preparation as well as presentations and discussions in front of a larger audience.

6. Course Description and Timetable

Through the examination of clinical cases, acquire specialized knowledge and advanced skills

with the use of diagnostic methods and treatment regimens for disorders of the upper digestive tract. Gain hands-on experience with the latest technologies and treatment strategies for the solution of problems.

Chief's round and attending round: as necessary

Research paper presentations: as necessary

Surgical observation sessions: as necessary

This course aims to have students study methods for the diagnosis and treatment of specialized disorders of the upper digestive tract that are difficult to diagnose or treat. Further, to provide active, focused training for future generations of physicians involved in this field of medical care, the course comprises a comprehensive curriculum of research activities that cover subject matter in related fields.

Graduate school (special) lectures & seminars: as necessary

Conferences on pre- and post-operative care: as necessary

Paper reading and study sessions: as necessary

Timetable

No.	Date	Class Content
1.	Week 1	Review of thoracoscopic and laparoscopic clinical anatomy
2.	Weeks 2-5	Applied techniques of endoscopic surgery
3.	Weeks 6-9	Thoracoscopic surgery for esophageal cancer
4.	Weeks 10-13	Laparoscopic surgery for gastric cancer
5.	Weeks 14-15	Three-field dissection of esophageal cancer with thoracic and abdominal surgery
6.	Week 16	Summary of Clinical Advanced Training II

7. Grading System

Final grades will reflect a comprehensive assessment of participation and performance in lectures, conferences, workshops, and study sessions as well as research content (research reports, conference presentations, etc.).

8. Prerequisite Reading

It is recommended that students enroll in this course after acquiring a certain measure of understanding and skill in basic diagnostic techniques and the diagnosis and treatment of upper digestive tract disorders.

9. Reference Materials

None

10. Important Course Requirements

None

11. Availability in English

12. Office Hours

Contact instructor for details.

TOKUNAGA Masanori E-mail : tokunaga.srg1@tmd.ac.jp

13. Note(s) to Students

Be prepared to actively engage in class discussions as well as ask and answer relevant questions.