

Basic Gastroenterology Clinical Training at TMDU

Code:4781

Credit: 20 units

Attendance hours	900
No attendance hours	0
Total hours	900

1. Instructors

Name	Position	Department	Contact Information
NAGAHORI Masakazu	Associate Professor	Gastroenterology and Hepatology	nagahori.gast@tmd.ac.jp
KINUGASA Yusuke	Professor	Gastrointestinal Surgery	kinugasa.srg1@tmd.ac.jp
OKADA Takuya	Associate Professor	Department of Gastrointestinal Surgery	t-okada.srg1@tmd.ac.jp

2. Classroom/Lab Lecture

As noted in the attached Timetable.

3. Course Purpose and Outline

Purpose

- Acquire basic knowledge pertaining to the development, anatomy, and pathology of the digestive tract and master the core skills to systematically apply that knowledge to research in this field.
- Through workshops utilizing simulators, master the skills of endoscope operation that are fundamental prerequisites for advanced training in the techniques of digestive tract endoscopy.
- Acquire a basic understanding of the pathology and current status of digestive tract disorders and identify diagnostic and treatment-related themes for study.

Outline

- i. Understand core concepts of digestive organ structure and function.
- ii. Master basic operational procedures for endoscopic examinations through the use of simulators.
- iii. Practice the application of diagnostic methods and procedures on hospital patients.
- iv. Master the basic principles of pathology.
- v. Acquire an understanding of the basic principles of endoscopic diagnosis and treatment.
- vi. Acquire additional knowledge and skills.

4. Course Objectives

- Develop the ability to utilize endoscopy and make accurate diagnoses of disorders of the digestive tract.
- Develop the ability to establish treatment plans.
- Identify digestive tract disorder-related problems and issues and, through workshop exercises, master the knowledge, technologies, practical skills, and evaluation methods required for the effective pursuit of activities aimed at finding solutions.
- Acquire the basic skills and technologies required for clinical applications.

5. Format

Clinical practice: Operate endoscope simulators and observe various types of endoscopic examinations at Tokyo Medical and Dental University Hospital.

6. Course Description and Timetable

As noted in the attached Timetable (to be distributed prior to the start of classes).

7. Grading System

Final grades are comprehensively assessed on the basis of participation and instructor-assessed performance in clinical and on-site workshops and the preparation of reports.

8. Prerequisite Reading

Have a basic understanding of endoscope operation and endoscope-based diagnostics and treatment.

9. Reference Materials

As indicated by supervising instructor.

10. Important Course Requirements

None

11. Availability in English

12. Office Hours

On an as-needed basis (Please contact the course director by email in advance.)
NAGAHORI Masakazu Email: nagahori.gast@tmd.ac.jp

13. Note(s) for Students

Contact the class instructor or course director (by email or phone) in the event you expect to be late for or absent from a class.

Confirm classwork content with the instructor in advance and be prepared for the next lesson.

Timetable

No.	Date	Class Content and Location
1.	Weeks 1-4	Clinical lecture on gastroenterological disorders Lecture Hall 2
2.	Weeks 5-8	Clinical lecture on digestive tract examinations and endoscopy Simulator Lab
3.	Weeks 9-12	Clinical workshop on techniques of upper digestive tract endoscopy Endoscopy Unit
4.	Weeks 13-16	Clinical workshop on techniques of upper digestive tract endoscopy Endoscopy Unit
5.	Weeks 17-20	Clinical workshop on techniques of upper digestive tract endoscopy Endoscopy Unit
6.	Weeks 21-24	Clinical workshop on techniques of lower digestive tract endoscopy Endoscopy Unit
7.	Weeks 25-28	Clinical workshop on techniques of lower digestive tract endoscopy Endoscopy Unit
8.	Weeks 29-32	Clinical workshop on techniques of small bowel endoscopy Fluoroscopy Lab
9.	Weeks 33-36	Clinical workshop of pathology of the digestive tract Pathology Lab
10.	Weeks 37-40	Clinical workshop of pathology of the digestive tract Pathology Lab
11.	Weeks 41-44	Clinical lecture on gastroenterological disorders Lecture Hall 2
12.	Week 45	Clinical lecture on digestive tract examinations and endoscopy Endoscopy Unit