

# Advanced Gastroenterology Clinical Training at TMDU

Code:4784

Credit: 35 units

|                     |      |
|---------------------|------|
| Attendance hours    | 1575 |
| No attendance hours | 0    |
| Total hours         | 1575 |

## 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.

### Purpose

- Undergo training as medical specialists in digestive tract endoscopy with broad-based knowledge and refined skills, help boost standards of medical care, and contribute to advances in digestive tract endoscopy.
- Cultivate a basic understanding of the pathology and current status of digestive tract disorders with the ability to identify diagnostic and treatment-related challenges for further study.
- Additionally, through workshop exercises, cultivate the knowledge, technologies, practical skills, and evaluation methods required to effectively apply techniques that will bring about solutions to observed challenges.

### Outline

- i. Observe, assist in, and gain deeper understanding of the application of basic techniques in the first half of this course, and advanced specialist techniques in the latter half.
- ii. Develop understanding of digestive tract pathology and build awareness of the relationships with endoscopy.
- iii. Practice the application of diagnostic methods and procedures on hospital patients.
- iv. Master basic principles of digestive tract pathology.
- v. Comprehend and apply a full array of methods for endoscopic diagnosis and treatment, from basic to advanced levels.
- vi. Acquire additional knowledge and skills

### **3. Course Objectives**

- Develop the ability to apply appropriate diagnostic methods to digestive tract disorders including the biliary tract, and make accurate diagnoses.
- Gain the ability to handle advanced consultations.
- Cultivate the ability to reach independent decisions on treatment plans.
- Acquire the capacity to implement optimal endoscopic treatments for digestive tract disorders.
- Identify digestive tract disorder-related problems and challenges and, through workshop exercises, master the knowledge, technologies, practical skills, and evaluation methods required for the effective pursuit of activities aimed at bringing about solutions.
- Gain the knowledge to take action from a preventive medicine perspective.

### **4. Format**

Clinical practice: Observe and assist in various types of endoscopic examinations at Tokyo Medical and Dental University Hospital.

Lectures: Participate in lectures given by supervising instructors at Tokyo Medical and Dental University Hospital.

### **5. Course Descriptions and Timetable**

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

### **6. 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.

### **7. Prerequisite Reading**

Sleisenger and Fordtran's Gastrointestinal and Liver Disease E-Book: Pathophysiology, Diagnosis, Management (English Edition) 11th Edition

### **8. Reference Materials**

To be specified by supervising instructor.

### **9. Important Course Requirements**

None

### **10. Availability in English**

### **11. Office Hours**

On an as-needed basis (Please contact the course director by email in advance.)

NAGAHORI Masakazu Email: nagahori.gast@tmd.ac.jp

## 12. Note(s) to Students

Contact the class instructor or course director (by email or phone) in the event you expect to be late for or absent from 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<br>Lecture Hall 2                  |
| 2.  | Weeks 5-8   | Clinical lecture on digestive tract examinations and endoscopy<br>Simulator Lab      |
| 3.  | Weeks 9-12  | Clinical workshop of pathology of the digestive tract<br>Pathology Lab               |
| 4.  | Weeks 13-16 | Clinical workshop on techniques of upper digestive tract endoscopy<br>Endoscopy Unit |
| 5.  | Weeks 17-20 | Clinical workshop on techniques of upper digestive tract endoscopy<br>Endoscopy Unit |
| 6.  | Weeks 21-24 | Clinical workshop on techniques of upper digestive tract endoscopy<br>Endoscopy Unit |
| 7.  | Weeks 25-28 | Clinical workshop on techniques of upper digestive tract endoscopy<br>Endoscopy Unit |
| 8.  | Weeks 29-32 | Clinical workshop on techniques of upper digestive tract endoscopy<br>Endoscopy Unit |
| 9.  | Weeks 33-36 | Clinical workshop on techniques of lower digestive tract endoscopy<br>Endoscopy Unit |
| 10. | Weeks 37-40 | Clinical workshop on techniques of lower digestive tract endoscopy<br>Endoscopy Unit |
| 11. | Weeks 41-44 | Clinical workshop on techniques of lower digestive tract endoscopy<br>Endoscopy Unit |
| 12. | Weeks 45-48 | Clinical workshop on techniques of small bowel endoscopy<br>Fluoroscopy Lab          |
| 13. | Weeks 49-52 | Clinical workshop on techniques of small bowel endoscopy<br>Fluoroscopy Lab          |
| 14. | Weeks 53-56 | Clinical workshop on techniques of small bowel endoscopy<br>Fluoroscopy Lab          |
| 15. | Weeks 57-60 | Clinical workshop on techniques of biliary endoscopy<br>Fluoroscopy Lab              |
| 16. | Weeks 61-64 | Clinical workshop on techniques of biliary endoscopy<br>Fluoroscopy Lab              |
| 17. | Weeks 65-68 | Clinical workshop on techniques of biliary endoscopy<br>Fluoroscopy Lab              |
| 18. | Weeks 69-72 | Clinical workshop of pathology of the digestive tract<br>Pathology Lab               |
| 19. | Weeks 73-76 | Clinical lecture on gastroenterological disorders<br>Lecture Hall 2                  |
| 20. | Weeks 77-80 | Clinical lecture on digestive tract examinations and endoscopy<br>Endoscopy Unit     |

