

# Gastrointestinal Surgery

(Code : 4841, 1<sup>st</sup> – 2<sup>nd</sup> year: 4 units)

(Course ID: GS–c4841–S)

## 1. Instructors

Name	Position	Department	Contact Information
KINUGASA Yusuke	Chief Instructor / Professor	Department of Gastrointestinal Surgery	kinugasa.srg1@tmd.ac.jp
TOKUNAGA Masanori	Associate Professor	Department of Gastrointestinal Surgery	tokunaga.srg1@tmd.ac.jp
KAWADA Kenro	Junior Associate Professor	Department of Gastrointestinal Surgery	kawada.srg1@tmd.ac.jp
SATO Yuya	Assistant Professor	Department of Gastrointestinal Surgery	yusatoh.srg1@tmd.ac.jp

## 2. Classroom/Lab Lecture Location

Please check the locations announced at the beginning of the academic year.

## 3. Course Purpose and Outline

In this course, we will study the clinical diagnosis and treatments for highly specialized gastrointestinal diseases that are difficult to diagnose and treat. The causes of gastrointestinal cancers as well as epidemiological examinations will also be studied.

## 4. Course Objectives

The objective of this course is to learn the clinical diagnosis and treatment of gastrointestinal diseases. Students will write a paper considering the physiological/molecular biological/pathological analysis, diagnosis, treatment and perioperative management of gastrointestinal lesions.

## 5. Format

With the instructors, clinical questions are discussed in small groups and presented in front of an audience. After debate, participants will format their research into a paper.

## 6. Class Detail

Our goals are to develop new methods of diagnosis and treatment for gastrointestinal diseases, contributing to society and progression in the medical field. Also, we hope to educate the next generation of young doctors in gastrointestinal and general surgery through comprehensive education and research, in a focused and proactive manner. Please see details below.

Conference: Every Monday and Thursday, 7:30 – 8:30 AM

Lecture, Seminar: Every Tuesday, 18:00 – 19:00 PM

Check the schedule announced at the beginning of the academic year for lectures and special lectures.

## 7. Assessment

An overall assessment comprising class participation (knowledge and understanding of the specialty field, content of presentations and Q&A) (50%) and involvement in research (50%) will be made.

## 8. Course Prerequisites

Comprehension of basic surgical methods, diagnosis technologies, and an understanding of the diagnosis and treatment of gastrointestinal diseases is required.

## 9. Reference Materials

Japanese Classification of Esophageal Cancer: 11th edition: Part I. Japan Esophageal Society. Esophagus 2017,14(1):1-36.

Japanese Classification of Esophageal Cancer: 11th edition: Part II and III. Japan Esophageal Society. Esophagus 2017,14(1):37-65.

Japanese classification of colorectal carcinoma. Japanese Society for Cancer of the Colon and Rectum, Kanehara & Co., Ltd. Tokyo

Surgery of THE ANUS RECTUM & COLON. Michael RB Keighley & Norman S Williams, W.B Saunders London

Japanese gastric cancer treatment guidelines 2018 (ver.5) Japanese Gastric Cancer Association. Gastric Cancer 2021,24(1):1-21.

Japanese classification of gastric carcinoma: 3rd English edition Japanese Gastric Cancer Association. Gastric Cancer 2011,14:101–112.

## 10. Language Used

All classes are conducted in English.

## 11. Office Hours

Mon – Fri: 9:00 AM – 17:00 PM

Contact: SATO Yuya, Chief, Department of Gastrointestinal Surgery

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Please contact the instructor regarding questions or consultations.

## 12. Note(s) to Students

Be prepared to enter active discussions, be able to ask questions and be able to answer. No limit on participants.