

# Hepatobiliary Pancreatic Surgery (TMDU)

(Code : 4842, 1<sup>st</sup> – 2<sup>nd</sup> year, 4 units)

(Course ID: GS–c4842–S)

## 1. Instructors

Name	Position	Department	Contact Information
TANABE Minoru	Chief Instructor / Professor	Department of Hepatobiliary and Pancreatic Surgery	tana.msrg@tmd.ac.jp
KUDO Atsushi	Associate Professor	Department of Hepatobiliary and Pancreatic Surgery	kudomsrg@tmd.ac.jp
AKAHOSHI Keiichi	Assistant Professor	Department of Hepatobiliary and Pancreatic Surgery	akahoshi.msrg@tmd.ac.jp

## 2. Classroom/Lab Lecture

Check the venues announced at the beginning of the academic year.

## 3. Course Purpose and Outline

Through the study and treatment of hepatobiliary pancreatic diseases, students will learn and experience their specificity and intractability. Through clinical experiences and basic research, students will be able to identify the diseases' specificity and intractability, and contribute to the learning of junior students by giving presentations on their clinical experiences and research findings.

## 4. Course Objectives

To learn how to examine, diagnose and develop treatment plans for hepatobiliary pancreatic diseases, and be able to actively conduct surgery as either an operator or assistant. Students will engage in clinical and/or basic research, learn proactively in collaboration with the other specialist fields, and give presentations on their findings. Furthermore, students shall provide appropriate instruction for junior students regarding clinical and research activities.

## 5. Format

Small-group guidance, with opportunities for debate.

## **6. Course Details**

Lectures on the biomolecular mechanisms of carcinogenesis, cancer growth, invasion and metastasis in digestive organs, especially the liver, biliary ducts and the pancreas; leading to molecular target therapy. In addition, general and advanced research on the diagnosis and treatment of the cancers will be explained, as well as clinical and basic research on liver transplantation.

HBP Conference: Every Monday, 16:00-18:00PM

Journal Club: Every Wednesday, 8:00 – 8:45 AM

Check the schedule announced at the beginning of the academic year for case conferences, research progress meetings, 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. Prerequisite Reading**

Besides knowledge of surgery and digestive surgery, comprehension of basic anatomy and physiology is required.

## **9. Reference Materials**

None.

## **10. Language Used**

All classes are given in English.

## **11. Office Hours**

Mon – Fri: 9:00 AM – 17:00 PM

Contact: TANABE Minoru, M.D., Ph.D. Department of Hepato-Biliary-Pancreatic Surgery

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Please contact the instructor regarding questions or consultations.

## **12. Note(s) to Students**

None.