

# SISR 612 (4847) Hepatobiliary Pancreatic Surgery (MU)

(Code: 4847, 1<sup>st</sup>~2<sup>nd</sup> year, 4 units)

(Course ID: GS – c4847 – S)

## 1. Instructors

Name	Position	Department	Contact Information
Yongyut Sirivatanauksorn	Chief Instructor/ Associate Professor Dr.	Division of General Surgery, Department of Surgery	yongyut.sir@mahidol.ac.th
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Pholasith Sangserestid	Lecturer	Division of General Surgery, Department of Surgery	Pholasith.san@mahidol.ac.th

## 2. Classroom/Lab Lecture

Lecture: Division of General Surgery, 12th floor Syamindra Building, Siriraj Hospital

Ward round: Surgical ward, 7th floor 72th year Building, Siriraj Hospital

Operating theatre: 5th floor Syamindra Building, Siriraj Hospital

### **3. Course Purpose and Outline**

At the end of the course, students will be able to:

- Understand common diseases in the field of hepato-pancreato-biliary surgery
- Understand treatment and operations in treating HPB diseases
- Develop research questions relating to HPB diseases and their treatment.
- Generate idea in innovations relating treatment of HPB diseases

Obtain view of basic sciences including molecular biology and metabolomics methods in applying for research in HPB diseases

### **4. Course objectives**

This course provides a general introduction to hepato-pancreato-biliary (HPB) surgery. Common HPB diseases as well as emergency HPB conditions will be thoroughly explored by means of lecture and clinical experience. Common HPB operations and procedures will be demonstrated through the course. Selected case studies will be discussed during group discussion. Integration of basic sciences including molecular biology and metabolomics methods to answer research questions relating to HPB diseases will also be covered in the course.

### **5. Format**

- Lecture: essential topics in HPB surgery
- Clinical practice: participate in operating theatre, ward round and out-patient encounters in Hepato-Pancreato-Biliary and Transplant Surgery Unit, Siriraj Hospital
- Conference and journal club: presentation and participation in discussion
- Group discussion: in-depth discussion with supervisors

### **6. Course Details**

Ward round (7<sup>th</sup> floor 72yr building): Monday - Friday 7.00-8.00

Operating theater (OR, 5<sup>th</sup> floor Syamindra building): Monday – Thursday 9.00-16.00

Grand round (12<sup>th</sup> fl Syamindra building): Friday 9.00-12.00

Conference and group discussion: to be announced

### **7. Assessment**

Grades are based on attendance of lectures, performances on assignments, and levels of attitude, skills and knowledge

### **8. Prerequisite Reading**

When reading materials are distributed or specified in advance, participants are expected to read those materials beforehand.

## **9. Reference Materials**

Jarnagin WR, Allen PJ, Chapman WC, D'Angelica MI, DeMatteo RP, Do RKG, Vauthey JN. Blumgart's Surgery of the Liver, Biliary Tract, and Pancreas. 6th Edition. Philadelphia, PA: Elsevier, 2017.

Further reference will be announced before class.

## **10. Language used**

All classes are conducted in English.

## **11. Office Hours**

Mon – Fri: 9:00 AM – 17:00 PM

Contact: Associate Professor Dr. Yongyut Sirivatanauksorn, Division of General Surgery, Department of Surgery

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Please contact the instructor regarding questions or consultations.

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

The student who wish to continue his surgical career in lower GI cancer will have a chance to learn and understand lower GI cancer from basic knowledge to patient care. This is an elective course to be taken during joint Ph.D. program providing by Mahidol university.

This course is included in elective courses in joint Ph.D. program. Ph.D. student focusing in lower GI cancer is encouraged to take this course.