

SISR608 (4835) Perioperative Care Surgical Patient

(Code: 4835, 1st~2nd year, 1 units)

(Course ID: GS-c4835-L)

1. Instructors

Name	Position	Department	Contact Information
Varut Lohsiriwat	Professor Dr. (chief instructor)	Division of General Surgery, Department of Surgery	bolloon@hotmail.com, Varut.Loh@mahidol.ac.th
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Voraboot Taweerutchan	Lecturer	Division of General Surgery, Department of Surgery	Voraboot.taw@mahidol.ac.th
Mingkwan Wongyingsinn	Assistant Professor	Anesthesiology (Preoperative clinic)	Mingkwan.Won@mahidol.ac.th
Jatuporn Sirikun	Assistant Professor	Division of Trauma surgery, Deaprtment of surgery	Jutuporn.sir@mahidol.ac.th

2. Classroom/Lab Lecture

Lecture room and seminar room on 12th floor, Syamindra Building, Faculty of Medicine Siriraj Hospital

3. Course Purpose and Outline

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

- Understand the concept of modern perioperative care including enhanced recovery after surgery (ERAS)
- Understand the key elements of surgical care in preoperative, intraoperative and postoperative period
- Describe the difference of perioperative care in various operations and how to adapt from one to another
- Describe the importance of multidisciplinary team and define what change means to them
- Deal with common problems in perioperative care
- Adapt modern perioperative care in high-risk patients and high-risk operations

4. Course objectives

This course offers a general introduction to modern perioperative care including enhanced recovery after surgery (ERAS). Essential specific details and the key elements of surgical care in preoperative, intraoperative and postoperative period are noted. Selected case studies will be discussed during group discussion.

5. Format

Lectures, group discussions and team project. All programs will be conducted in English.

6. Course Details

NO	Date	Time	Topic/Details	Instructors
1	5-Oct-23	15.00-16.00	Introduction to perioperative care and enhanced recovery after surgery (ERAS)	Prof. Dr.Varut Lohsiriwat
	5-Oct-23	16.00-17.00	Perioperative care in colorectal surgery	Prof. Dr.Varut Lohsiriwat
	12-Oct-23	15.00-16.00	Perioperative care in emergency surgery	Prof. Dr.Varut Lohsiriwat
2	12-Oct-23	16.00-17.00	Prevention of surgical site infection	Prof. Dr.Varut Lohsiriwat
	19-Oct-23	16.00-17.00	Nutrition therapy in surgical patients	Prof. Dr.Varut Lohsiriwat
	26-Oct-23	15.00-16.00	Why are your surgical patients still in the hospital?	Prof. Dr.Varut Lohsiriwat
3	17-Feb-24	13.00-15.00	Preoperative optimization	Assoc. Prof. Mingkwan Wongyingsinn
	19-Oct-23	15.00-16.00	Patient selection for ambulatory surgery	Assoc. Prof. Mingkwan Wongyingsinn
	20-Oct-23	15.00-17.00	Multimodal analgesia	Assoc. Prof. Mingkwan Wongyingsinn
4	28-Feb-24	15.00-17.00	Perioperative care in liver surgery	Assoc. Prof. Dr.Chitwichai Tovikkai
5	24-Oct-23	15.00-17.00	Perioperative care in pancreatic surgery	Assoc. Prof. Dr.Chitwichai Tovikkai
6	5-Oct-23	15.00-16.00	Perioperative care in upper GI surgery	Assist.Prof. Thammawat Parakonthon
7	5-Oct-23	16.00-17.00	Perioperative care in morbid obesity	Assist.Prof. Voraboot Taweerutchana
8	14-Nov-23	15.00-16.00	Postoperative monitoring	Assist.Prof. Jatuporn Sirikun
9	21-Nov-23	16.00-17.00	Dealing with complications in critically ill surgical patients	Assist.Prof. Jatuporn Sirikun
Final Examination				

7. Assessment

Grades are based on attendance at lecture, performances on assignments, and level of attitude, skill and knowledge.

8. Prerequisite Reading

Reading materials are distributed or specified in advance. Participants are expected to read those materials beforehand.

9. Reference Materials

To be announced before or during individual classes (when relevant).

10. Availability in English

Lectures and all communication are in English.

11. Office Hours

Mon – Fri: 9:00 AM – 17:00 PM

Contact: Professor Dr. Varut Lohsiriwat , Department of Surgery

E-mail: Varut.loh@mahidol.ac.th

Please contact the instructor regarding questions or consultations.

12. Note(s) to Students

This is an optional course for PhD students (jointed degree between TMDU and Faculty of Medicine Siriraj Hospital,

Mahidol University)