

## SISR 613 (4848) Vascular Surgery

(Code: 4848, 1<sup>st</sup>~2<sup>nd</sup> year, 4 units)

(Course ID: GS — c4848 — S)

### 1. Instructors

Name	Position	Department	Contact Information
Chumpol Wongwanit	Chief Instructor/ Associate Professor	Division of Vascular Surgery, Department of Surgery	Chumpol.won@mahidol.ac.th
Chanean Ruangsetakit	Professor	Division of Vascular Surgery, Department of Surgery	Cheanean.rua@mahidol.ac.th
Khamin Chinsakchai	Associate Professor	Division of Vascular Surgery, Department of Surgery	Khamin.chi@mahidol.ac.th
Nuttawut Sermsathanasawadi	Associate Professor	Division of Vascular Surgery, Department of Surgery	Nuttawut.ser@mahidol.ac.th
Nattawut Puangpunngam	Lecturer	Division of Vascular Surgery, Department of Surgery	Nattawut.pua@mahidol.ac.th

## **2. Classroom/Lab Lecture**

Lecture: Division of Vascular Surgery, 13th floor Syamindra Building, Siriraj Hospital

Lab: 7th floor SIMR building

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

1. Investigation and research for the social needs identification of Vascular Surgery in the next generation of medical area
2. Medical equipment and development of treatment to meet the needs of Vascular Surgery in the next generation of medical field
3. Research and development of the education curriculum and evaluation methods of Vascular Surgery in the medical field
4. Development and operation of Vascular Surgery of industry-academia cooperation in the medical field
5. Development and operation of technology certification strategy of Vascular Surgery treatment

## **4. Course objectives**

1. To learn the advanced technology of vascular surgery in the medical field.
2. To study education of advanced technology, to master the interdisciplinary education technology.
3. To overcome the advanced technology, to learn a new treatment method and technology that the medical device can be proposed and developed.

## **5. Format**

Clinical Practice: Surgical tours of the patient's disease, and vascular surgery participation in Siriraj Hospital.

To delve deeper into the problems through discussions with supervisors, make a paper through a small group

discussion and presentations at a large number conference.

## **6. Course Details**

Check with the teacher in charge for the program which is not specifically scheduled.

### Lecture and conference:

As well as understanding the current status of vascular surgery in each area that is required to consider a vascular surgery treatment in the next generation, extracts the challenges for the future.

Available programs: every Monday, Wednesday, and Friday 8.00-9.00

### Practice :

To know the outline of the treatment through the case, to perform the acquisition of technology. State of the art technology to find the problem of the solution, for the treatment strategy, and exercises from the practical point of view.

Available programs:

Operating room every Monday- Thursday 9.00-15.00 at Operating room 504, 505

Ward round : every day except Thursday 7.00-8.00

Grand round : every Thursday 7.30-9.00

Lab :

Treatment methods for solving the problems of the vascular surgery, medical equipment, new developed

educational method is verified through the animal laboratory and non-clinical trials and clinical trials, to create the paper.

Available programs: Research meeting: week 2 Friday 8.00-9.00

Date	Time	Topic/Details	Instructors
TBD	13.00 - 16.00	Chronic limb threatening ischemia clinic 1	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 12.00	Vascular outpatient clinic 1	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 12.00	Vascular Ultrasonography 1	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	13.00 - 16.00	Chronic limb threatening ischemia clinic 2	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00-12.00	Vascular outpatient clinic 2	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	13.00 - 16.00	Chronic limb threatening ischemia clinic 2	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 12.00	Vascular outpatient clinic 3	Assoc. Prof. Chumpol Wongwanit,M.D.

			and All Instructors
TBD	9.00 - 16.00	Vascular operation 1	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 12.00	Vascular Ultrasonography 2	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	13.00 - 16.00	Chronic limb threatening ischemia clinic 3	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 12.00	Ulcer clinic 1	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	13.00 - 16.00	Chronic limb threatening ischemia clinic 4	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 12.00	Vascular outpatient clinic 4	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	13.00 - 16.00	Chronic limb threatening ischemia clinic 5	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 12.00	Vascular outpatient clinic 5	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 12.00	Vascular Ultrasonography 3	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors

TBD	9.00 - 12.00	Ulcer clinic 2	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 12.00	Vascular outpatient clinic 6	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 16.00	Vascular operation 2	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00-12.00	Vascular Ultrasonography 3	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	13.00 - 16.00	Chronic limb threatening ischemia clinic 6	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 12.00	Vascular outpatient clinic 7	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 16.00	Vascular operation 3	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 12.00	Vascular Ultrasonography 4	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00-12.00	Ulcer clinic 3	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	13.00 - 16.00	Chronic limb threatening ischemia clinic 6	Assoc. Prof. Chumpol Wongwanit,M.D.

			and All Instructors
TBD	9.00-12.00	Vascular outpatient clinic 8	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 16.00	Vascular operation 4	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00-12.00	Vascular Ultrasonography 5	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 12.00	Vascular outpatient clinic 9	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 16.00	Vascular operation 5	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 12.00	Vascular Ultrasonography 6	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	13.00 - 16.00	Chronic limb threatening ischemia clinic 7	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00-12.00	Vascular outpatient clinic 10	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 16.00	Vascular operation 6	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors

TBD	9.00 - 12.00	Vascular Ultrasonography 7	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00-12.00	Ulcer clinic 3	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	13.00 - 16.00	Chronic limb threatening ischemia clinic 7	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00-12.00	Vascular outpatient clinic 11	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
TBD	9.00 - 16.00	Vascular operation 7	Assoc. Prof. Chumpol Wongwanit,M.D. and All Instructors
		Examination	Assoc. Prof. Chumpol Wongwanit,M.D.

## 7. Assessment

Lectures, exercises, external announcement of participation and research content to the research training

(conference, paper)

Based on the situation, it is evaluated as a guide to the following proportions. (PhD.)

Lectures, exercises, participation in research and training: 90%

External presentation of research (conference, paper) Status: 10%



**8. Prerequisite Reading**

None.

**9. Reference Materials**

None.

**10. Language used**

All classes are conducted in English.

**11. Office Hours**

Mon – Fri: 9:00 AM – 17:00 PM

Contact: Associate Professor Chumpol Wongwanit, Division of Vascular Surgery,

Department of Surgery

E-mail: [wchumpol@gmail.com](mailto:wchumpol@gmail.com) Tel: +662-4198021

Please contact the instructor regarding questions or consultations.

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

None.