



**48SJ-SUG4**  
**ECTS: 2**  
**YEAR: 2024L**

**SURGERY 4**  
**SURGERY 4**

**COURSE CONTENT**  
**CLASSES**

1) Surgical Infections 2) Cirrhosis and Portal Hypertension 3) The Spleen 4) Calculous Biliary Disease 5) Diverticuli 6) Shock 7) Thyroid Gland

**LECTURES**

Seminar: 1) Disease anus and rectum 2) Surgical obesity treatment 3) GERD 4) The specificity of surgery advanced age 5) Vigilance Oncology

**EDUCATIONAL OBJECTIVE:**

Student is to assess the general condition of a patient, can recognize life-threatening surgical issues. Student's obligation is to recognize and diagnose oncological disease that requires treatment in various stages in order to turn the patient for appropriate treatment. Student has to be acknowledged with early oncological diagnostics of surgical diseases. The next obligation is being able to recognize malicious/benign tumour. The student is to know how to treat malicious tumours and complications of oncological disease. The next requirement is being in possession of knowledge how to treat with usage of blood. The student must know the procedure of blood and blood products transfusion. The student has to be acquainted with the procedure of treatment of complications that occurred after the transfusion. The student respects the patients and medical staff. The student knows indications and contraindications of cardiac intervention. The student has to participate in surgeries

**DESCRIPTION OF LEARNING OUTCOMES FOR THE COURSE IN RELATION TO FIELD AND MAJOR LEARNING OUTCOMES**

Codes of learning outcomes in a major field of study: M/NM+++,

Codes of learning outcomes in a major area of study: E.U1.+ , E.U14.+ , E.U16.+ , E.U2.+ , E.U3.+ , E.U36.+ , F.W1.+ , F.W14.+ , F.W2.+ , F.W3.+ , F.W4.+ , K.1.+ , K.2.+ , K.3.+ , K.5+ ,

**LEARNING OUTCOMES:**

**Knowledge**

W1 - W1 - The student knows and understands the causes, symptoms, principles of diagnosis and therapeutic management of the most common diseases requiring surgical intervention, taking into account the differences of childhood, including in particular: a) acute and chronic diseases of the abdominal cavity, b) the diseases of the chest, c) limbs and head diseases, d) bone fractures and injuries of organs W2 – The student knows the symptoms, principles of diagnosis and management of the most common pediatric surgery conditions W3 - The student correctly qualifies patients for surgery and invasive procedures W4 – The student knows the most common complications of the above mentioned treatments and procedures W5 – The student knows the safety rules perioperative, preparing a patient for surgery, anesthesia general and local and controlled sedation

**Skills**

U1 - U1 - conducting a medical interview with an adult patient U2 - Conducting a medical interview with a child and his family U3 - conducting a complete physical examination of an adult patient U4 - Recognizing urgent medical conditions U5 - planning diagnostic, therapeutic and preventive procedures

**Social competence**

K1 - K1- The student is able to establish and keep a profound and respectful relationship with a patient. K2- The student is oriented towards the patient's benefit and recognizes it as a top value. K3 – The student observes patient privacy and patient rights. K4 - The student is aware of his own limitations and the ability to lifelong learning.

**BASIC LITERATURE**

1) 1) Jacek Szmids, Jarosław Kużdżał, Zbigniew Gruca, Paweł Lampe, 1) Jacek Szmids, Jarosław Kużdżał, Zbigniew Gruca, Paweł Lampe, Medycyna Praktyczna, Kraków, 2010 , wyd. Kraków., 2010 ; 2) M. W. Mulholland, K. D. Lillemoe, G. M. Doherty, Scientific Principles and Practice, , wyd. Wolters Kluwer/Lippincott Williams & Wilkins, 2011

**SUPPLEMENTARY LITERATURE**

**Course/module:**

Surgery 4

**Fields of education:**

**Course status:** mandatory  
**Course group:** B - przedmioty kierunkowe

**ECTS code:**

**Field of study:** Medicine

**Specialty area:** Medicine

**Educational profile:** General academic

**Form of study:** full-time

**Level of study:** uniform master's studies

**Year/semester:** 5 / 10

**Type of course:**

Classes, Seminar

**Number of hours per semester/week:** Classes: 30, Seminar: 10

**Teaching forms and methods**

Classes(K1, U1, W1) : , Seminar(null) : Classes(K1, K2, K3, K4, U1, U2, U3, U4, U5, W1, W10, W2, W3, W4, W5, W6, W7, W8, W9) : Clinical practice - Essays and short tests: Presence (W1, W10, W2, W3, W4, W5, W6, W7, W8, W9, U1, U2, U3, U4, U5, K1, K2, K3, K4)

**Form and terms of the verification results:**

SEMINAR: Esey - null(K1, U1, W1)

**Number of ECTS points:** 2

**Language of instruction:** English

**Introductory courses:**

Anatomy, physiology, pathomorphology, pathobiology, internal diseases, general surgery

**Preliminary requirements:**

Finished all holiday practice

**Name of the organizational unit offering the course:**

Katedra Chirurgii Ogólnej, Małoinwazyjnej i Wieku Podeszłego,

**Person in charge of the course:**

dr hab. n. med. Maciej Michalik, prof. UWM

**Course coordinators:**

**Notes:**

-

## Detailed description of the awarded ECTS points - part B

**48SJ-SUG4**  
**ECTS: 2**  
**YEAR: 2024L**

**SURGERY 4**  
**SURGERY 4**

The awarded number of ECTS points is composed of:

1. Contact hours with the academic teacher:

- participation in: classes	30 h.
- participation in: seminar	10 h.
- consultation	2 h.
	42 h.

2. Student's independent work:

- student's independent work:	8 h.
	8 h.

1 ECTS point = 25-30 h of the average student's work, number of ECTS points = 50 h : 25 h/ECTS = 2,00 ECTS  
on average: **2 ECTS**

- including the number of ECTS points for contact hours with direct participation of the academic teacher:	1,68 ECTS points,
- including the number of ECTS points for hours completed in the form of the student's independent work:	0,32 ECTS points,