
Course title: SURGERY 4

ECTS credit allocation (and other scores): 2 ECTS

Semester: spring

Level of study: ISCED-7 - second-cycle programmes (EQF-7)

Branch of science: Medical and health sciences

Language: English

Number of hours per semester: 45

Course coordinator/ Department and e-mail: Dr hab. N. med. Maciej Michalik, Prof. UWM,
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Type of classes: classes and lectures

Substantive content

CLASSES:

Surgical Infections, Cirrhosis and Portal Hypertension, The Spleen, Calculous Biliary Disease, Diverticuli, Shock, Thyroid Gland

LECTURES: (SEMINAR)

Disease anus and rectum, Surgical obesity treatment, GERD, The specificity of surgery advanced age, Vigilance Oncology

Learning purpose:

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

On completion of the study programme the graduate will gain:

Knowledge:

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 - knows the rules for qualification and performance, and the most common complications of basic surgical procedures and invasive diagnostic and therapeutic procedures

W5 – The student knows the safety rules perioperative, preparing a patient for surgery, anesthesia general and local and controlled sedation

W6- knows postoperative treatment with analgesic therapy and postoperative monitoring

W7 - knows the indications and principles of intensive care

FW15 - knows in the basic scope the problems of surgical transplantology, indications for transplantation of irreversibly damaged organs and tissues and procedures related thereto

Skills: -

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

EU36- can deal with injuries (put on a dressing or immobilization, dress and stitch the wound)

Social Competencies:

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:

M. W. Mulholland, K. D. Lillemoe, G. M. Doherty, "Greenfield's Surgery: Scientific Principles and Practice", wyd. Wolters Kluwer/Lippincott Williams & Wilkins, 2011

Supplementary literature:

C.M. Townsend Jr, R.D. Beauchamp, B.M. Evers, K.L. Mattox, Chirurgia Sabiston, wyd. Urban & Partner Wydawnictwo, 2010, t. 1,2,3,4

The allocated number of ECTS points consists of:

Contact hours with an academic teacher: 40 h

Student's independent work: 8 h