



Course title: SURGERY 3

ECTS credit allocation (and other scores): 3 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: 50

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:

Esophagus: TV MORS, Chest Trauma, Acute Pancreatitis, Diverticular Disease, Ulcerative Colitis, Neoplasms of the Endocrine Pancreas, Surgical Infections, Abdominal Trauma

LECTURES:

Esophagus: TV MORS, Chest Trauma, Acute Pancreatitis, Diverticular Disease, Ulcerative Colitis, Neoplasms of the Endocrine Pancreas, Surgical Infections, Abdominal Trauma.

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 students knows selected issues of pediatric surgery including traumatology and otorhinolaryngology, defects and acquired diseases being an indication for surgical treatment in children

W2 - 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

W3 - knows eligibility rules as well as basic and most common complications of surgery and other invasive diagnostic and treatment procedures;

W5 - principles of peri-operative safety, patient preparation for surgery, carrying out general or local anesthesia; principles of controlled sedation

W6 - knows indications for intensive therapy and principles of intensive therapy

W7 – The student knows the principles of intensive care in serious conditions

W8 - knows the current guidelines for cardiopulmonary resuscitation in all age groups

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

U5 - planning diagnostic, therapeutic and preventive procedures

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: 50 h

Student's independent work: 8 h