



Course syllabus - part A Surgery 5

48SJ-SUG5
ECTS: 5.00
CYCLE: 2022Z

SUBJECT MATTER CONTENT

CLASSES

Participation in medical briefing and medical rounds. Surgical history of the disease and medical records. Indications for surgical treatment and patient preparation. Perioperative care - monitoring and medical orders. Physical examination of the patient. Change of dressings. Observation and assistance for operations in the operating theater. Practical approach to the topics discussed: The spleen and cirrhosis, Vascular diseases and diabetic foot, Neoplasm of pancreas and gall bladder, Crohn disease and ulcerative colitis, Thyroid gland.

TEACHING OBJECTIVE

The student's task is to assess the general condition of the patient, identify life-threatening surgical problems. The student must be familiar with the diagnosis of surgical diseases and their initial treatment. The student must know the complications of surgeries and their treatment. It is the student's responsibility to recognize and diagnose the oncological disease in order to refer the patient to appropriate treatment. The student respects patients and medical staff. The student participates in the work of the department and assists in the operation.

DESCRIPTION OF THE LEARNING OUTCOMES OF THE COURSE IN RELATION TO THE DESCRIPTION OF THE CHARACTERISTICS OF THE SECOND LEVEL LEARNING OUTCOMES FOR QUALIFICATIONS AT LEVELS 6-8 OF THE POLISH QUALIFICATION FRAMEWORK IN RELATION TO THE SCIENTIFIC DISCIPLINES AND THE EFFECTS FOR FIELDS OF STUDY:

Symbols for outcomes related to the discipline:

M/NMA_P7S_KR+++ , M/NMA_P7S_WG+++ ,
M/NMA_P7S_UW+++ , M/NM+++ ,
M/NMA_P7S_KO+++

Symbols for outcomes related to the field of study:

F.U2.+ , K.2.+ , K.4.+ , M/NM_F.W6.+ ,
M/NM_F.W1.+ , E.U38.+ , M/NM_F.W10.+ ,
E.U32.+ , F.U6.+ , M/NM_F.W5.+ , E.U3.+ , F.U4.+ ,
F.U9.+ , K.3.+ , K.1.+ , F.U1.+ , F.U3.+ ,
M/NM_F.W3.+ , M/NM_F.W4.+

LEARNING OUTCOMES:

Knowledge:

W1 - W1. The student knows: - the causes, symptoms, principles of diagnosing and applying therapeutic procedures in most frequent diseases requiring surgical intervention, the uniqueness of infancy taken into account, in particular: 1) acute and chronic abdominal diseases, 2) chest diseases, 3) limb and head diseases, 4) bone fractures and organ injuries; - the rules of qualifying for basic surgical operations and invasive diagnostic and treatment procedures, the principles of performing them and their most frequent complications; - the rules of perioperative safety, patient preparation for the surgery, performance of

Legal acts specifying learning outcomes: 672/2020

Disciplines: medical sciences

Status of the

course: Obligatoryjny

Group of courses: B -

przedmioty kierunkowe

Code: ISCED 0912

Field of study: Medicine

Scope of education:

Profile of education:

General academic

Form of studies: full-time

Level of studies: uniform

master's studies

Year/semester: 6/11

Types of classes: Classes

Number of hours in

semester: Classes: 120.00

Language of

instruction: English

Introductory subject:

Prerequisites: Basic

knowledge of anatomy,

physiology and

pathophysiology, mainly

relating to wound healing,

bleeding, inflammation.

Knowledge of the basic

concepts of asepsis,

antisepsis, basic

pathophysiological disorders

in surgical treatment.

Knowledge of anatomy and

physiology of the

gastrointestinal tract.

Topographic anatomy of the

abdominal organs. Basics of

tumor biology. Basics for

evaluation of surgical

patients.

Name of the organisational unit conducting the

course: Katedra Chirurgii

Ogólnej, Małoinwazyjnej i

Wiekii Podeszłego

Person responsible for the

realization of the course: dr

n. med. Paweł Lech, dr hab. n.

med. Maciej Michalik, prof.

UWM

e-mail:

pawel.lech@uwm.edu.pl,

michs1@wp.pl

Additional remarks:

general and local anaesthesia and controlled sedation; - post-operative treatment with pain therapy and post-operative monitoring; - indications for and the principles of implementing intensive care; - the issues of the contemporarily employed imaging tests, especially: 1) radiological symptomatology of the basic diseases, 2) the instrumental methods and imaging techniques used in medical surgeries, 3) the indications, contraindications, and patient preparation for individual types of imaging tests, and contraindications against the use of contrast agents;

Skills:

U1 - U1. Student knows: - conduct complete and targeted physical examination of an adult patient; - plan specialist consultations; - keep the patient's medical records; - assist in typical surgical procedures, prepare the operative field, and apply local anaesthesia of the surgical field; - use basic surgical instruments; - apply the rules of asepsis and antiseptics; - dress a simple wound, apply and change sterilised surgical dressing; - examine the nipples, lymph nodes, the thyroid gland, and the abdomen for acute abdomen and conduct finger examination through the rectum; - stop external bleedings;

Social competence:

K1 - K1. Student knows: - establishing and maintaining a deep and respectful contact with the patient, as well as showing understanding for worldview and cultural differences; - being guided by the good of the patient; - observance of medical confidentiality and patient rights; - taking actions towards the patient based on ethical principles, with the awareness of social conditions and limitations resulting from the disease

TEACHING FORMS AND METHODS:

Classes(W1;U1;K1;):Participation in medical briefing and medical rounds. Examination of the patient and discussing his case with the teacher. Observation and assistance for operations in the operating theater.

FORM AND CONDITIONS OF VERIFYING LEARNING

OUTCOMES:

Classes: Exam - Short tests to check knowledge during each class. Additionally, each student is required to prepare an essay (4 pages a4) on the given topic Exam: written + oral (W1;U1;K1;);

BASIC LITERATURE:

SUPPLEMENTARY LITERATURE:

Detailed description of ECTS credits awarded - part B

48SJ-SUG5

ECTS: 5.00

CYCLE: 2022Z

Surgery 5

The number of ECTS credits awarded consists of:

1. Contact hours with the academic teacher:

- participation in: Classes
- consultation

120.0 h
5.0
Total: 125.0 h.

2. Independent work of a student:

Total: 0 h

contact hours + independent work of a student Total: 125.0 h

1 ECTS credit = 25-30 h of an average student's work, number of ECTS credit = 125.0 h : 25.0 h/ECTS = 5.00 ECTS on average: 8.0 ECTS

- including the number of ECTS credits for contact hours with the direct participation of an academic teacher: 0,00 ECTS points,

- including the number of ECTS credits for hours of independent work of a student: