



48SJ-ONSU
ECTS: 3.00
CYCLE: 2024Z

Course syllabus - part A Oncologic Surgery

SUBJECT MATTER CONTENT

LECTURE

Cancers of the head, neck, thyroid, parathyroid glands, lips, salivary glands. Epidemiology of tumors. Cancer of the esophagus and stomach, GEP / NET. Cancers of the large intestine, liver, pancreas and bile ducts. Onkoplastyka, HIPEC, Breast cancer. Hereditary breast and ovarian cancer (HBC-ss, HOC-ss, HBOC) The role of tissue banking and molecular research in oncology, Standards of nutrition in oncology. Soft tissue sarcoma and melanoma - principles of combination therapy

SEMINAR

Nutrition therapy in surgery. Locoregional methods of cancer treatment. Tumors of the liver and bile ducts. Breast cancer. Psychosocial aspects of neoplastic disease

CLASSES

Prevention and early detection of cancer. Qualification rules for surgical treatment-the role of the consultation in the oncological treatment process. Supervision of the patient after surgery. The role of nutrition in oncological treatment. Minimally invasive surgery in oncology

TEACHING OBJECTIVE

Presentation of causes, symptoms, principles of diagnosis and therapeutic treatment in relation to cancer diseases in the aspect of their surgical treatment 2. Introduction to epidemiology, etiopathogenesis and cancer prevention and screening 3. Familiarization with the objectives and treatment options of combined solid tumors 4. Familiarizing the student with the course of basic surgical procedures and invasive diagnostic and therapeutic procedures as well as the most common complications of the mentioned procedures and procedures

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

Symbols for outcomes related to the field of study:

F.U12.+ , E.U30.+ , K.4.+ , E.U38.+ , K.1.+ ,
M/NM_K.6.+ , M/NM_C.W.40.+ , M/NM_C.W41.+ ,
M/NM_E.W25.+ , M/NM_E.W24.+ , F.U3.+ ,
M/NM_E.W28.+ , K.2.+ , K.3.+ , M/NM_E.W23.+ ,
K.5.+ , F.U1.+ , F.U2.+ , M/NM_E.W26.+ , F.U6.+ ,
M/NM_E.W29.+ , E.U25.+

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: 5/9

Types of classes: Lecture,
Seminar, Classes

Number of hours in

semester:Lecture: 10.00,

Seminar: 5.00, Classes: 25.00

Language of

instruction:English

Introductory subject:

Internal surgery, anatomy ,

histology, radiology

Prerequisites: Knowledge of

anatomy and histology, the

ability to interpretation

radiological images, basic

knowledge of cancer

Name of the organisational unit conducting the

course:Katedra Chirurgii

Ogólnej, Małoinwazyjnej i

Wiekii Podeszłego

Person responsible for the

realization of the course:dr

hab. n. med. Dariusz

Zadrożny, prof. UWM

e-mail:

dariusz.zadrozny@uwm.edu.pl

Additional remarks:

LEARNING OUTCOMES:

Knowledge:

W1 - W1 -the problem of resistance to medicinal drugs, including multi-drug resistance; the indications for genetic tests aimed at individualising pharmacotherapy; the environmental and epidemiological conditions of the most frequent neoplasms; the basics of early neoplasm discovery and the principles of screen tests in oncology; the options created by the modern tumour therapy, including multimodal therapy, the perspectives of cell and gene therapies and their undesirable side effects; the rules of combined therapies in oncology, the algorithms of diagnostic and therapeutic procedures in the most frequent neoplasms; the rules of palliative procedure with respect to the patient in terminal condition; the principles of treating pain, including neoplastic and chronic pain;

Skills:

U1 - U1 -apply nutritional treatment, including enteral and parenteral feeding; assist in the following medical procedures and operations: 1) transfusing blood and blood product preparations, 2) performing pleural drainage, 3) performing pericardiocentesis, 4) performing paracentesis, 5) performing lumbar puncture, 6) performing thin needle biopsy, 7) performing epicutaneous tests, 8) performing intradermal and scarification tests and interpreting their results; keep the patient's medical records; assist in typical surgical procedures, prepare the operative field, and apply local anaesthesia of the surgical use basic surgical instruments; apply the rules of asepsis and antiseptics; examine the nipples, lymph nodes, the thyroid gland, and the abdomen for acute abdomen and conduct finger examination through the rectum; monitor the patient in the post-operative period based on core vital parameters;

Social competence:

K1 - K1 -He can establish and maintain a deep, respectful contact with the patient
K2 - he is guided by the good of the patient, placing them in the first place
K3 - respects medical confidentiality and patient's rights
K4 - he is aware of his own limitations and the ability to constantly learn
K5 - With dignity and respect, he refers to corpses and human remains
K6 - adheres to and applies the principles of academic and professional ethics as well as professional image, academic, social and vocational professionalism

TEACHING FORMS AND METHODS:

Lecture(W1;U1;K1;):Lectures with multimedia presentation

Seminar(W1;U1;K1;):Part in the discussion

Classes(W1;U1;K1;):

FORM AND CONDITIONS OF VERIFYING LEARNING OUTCOMES:

Lecture (Written exam) - Written exam -

Seminar (Part in the discussion) - Case presentation, active participation in the discussion, -

Classes (Evaluation of the work and cooperation in the group) - -

BASIC LITERATURE:

1. Arkadiusz Jeziorski, Piotr Rutkowski, *Kompendium chirurgii onkologicznej*, Wyd. Via Medica, R. 2014
2. Jacek Szmidt, Jarosław Kuźdżał, Zbigniew Gruca, Paweł Lampe, *Medycyna Praktyczna*, Wyd. Kraków, R. 2010
3. M. W. Mulholland, K. D. Lillemoe, G. M. Doherty, *Greenfield's Surgery Scientific:Principles and Practice*, Wyd. 5th, R. 2011

SUPPLEMENTARY LITERATURE:

Detailed description of ECTS credits awarded - part B

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Oncologic Surgery

The number of ECTS credits awarded consists of:

1. Contact hours with the academic teacher:

- participation in: Lecture	10.0 h
- participation in: Seminar	5.0 h
- participation in: Classes	25.0 h
- consultation	5.0
	Total: 45.0 h.

2. Independent work of a student:

Deepening of literature	30.00 h
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Total: 30.0 h

contact hours + independent work of a student Total: 75.0 h

1 ECTS credit = 25-30 h of an average student's work, number of ECTS credit = 75.0 h : 25.0 h/ECTS = 3.00 ECTS on average: 3.0 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: