



Pomorski Uniwersytet Medyczny w Szczecinie

SYLLABUS of the MODULE (SUBJECT) General information

Module title: SURGERY AND ONCOLOGY	
Module type	Obligatory/Facultative (select)
Faculty PMU	Medicine and Dentistry (WLS)
Major	Medicine and Dentistry (KLD)
Specialty	-
Level of study	long-cycle
Mode of study	full-time/part-time
Year of studies, semester e.g. Year 1, semester (I and II)	Year 3 ,semester (VI)
ECTS credits (incl. semester breakdown)	3
Type/s of training	Lectures/seminars/practical classes/laboratory classes/etc. (Number of hours) VI semester: W-8, PrCl-30
Form of assessment	final examination - oral
Head of the Department/ Clinic, Unit	<i>Prof. dr hab. med. Józef Kładny</i>
Persons conducting classes with indication of a tutor or person responsible for the module	Dr med. Tariq Al-Amawi Dr med. Mirosław Halczak Lek. Piotr Wojtasik Lek. Marcin Kwietniak Lek. Tomasz Błaszowski Lek. Rafał Różewicz Lek. Karol Jezierski Lek. Mariusz Chmielak
Department's/Clinic's/Unit's website	https://www.pum.edu.pl/wydzialy/wydzial-lekarsko-stomatologiczny/klinika-chirurgii-ogolnej-i-onkologicznej
Language	Polish/English

Detailed information

Module objectives		<ul style="list-style-type: none"> - Improving knowledge in the field of surgery and oncology - Teaching the basic principles of qualifying a patient for surgical treatment - Teaching the principles of preparing the patient for surgery - Training in practical surgical operations and procedures - Familiarizing with the basic methods of treatment of the most common neoplastic diseases.
Prerequisite /essential requirements	Knowledge	<ul style="list-style-type: none"> - Fundamentals of anatomy. - Pathophysiology of diseases of the digestive system, cardiovascular system, breast, skin and soft tissues. - Epidemiology of malignant neoplasms - Fundamentals of radiology - Laboratory diagnostics
	Skills	Hand disinfection, cannulation of peripheral veins, clinical examination of a patient, assessment of vital signs.
	Competences	Demonstrates the habit of self-education and lifelong learning - accepts the need for ethical standards and legal conditions related to the profession. Ability to work in a team,

Description of the learning outcomes for the subject /module			
item	Student, who has passed the module (subject) knows /is able to /can:	SYMBOL (referring Assumed Learning Outcomes	Means of verification of learning outcomes*
W01	knows the basic methods of medical examination and the role of additional examinations in diagnosing cancer, gastrointestinal tract diseases, peripheral circulatory system diseases and injuries	K_E.W02	EU
W02	knows etiopathogenesis and symptomatology of diseases of alimentary tract, breast, peripheral circulatory system and soft tissues	K_E.W03	EU
U01	Recognises: symptoms of acute abdominal conditions, gastrointestinal and breast cancer and peripheral cardiovascular diseases	K_E.W07	EU, EPR
U02	Can diagnose diseases of the breast, abdominal cavity, peripheral circulatory system and injuries	K_E.U01	EU, EPR
U03	Performs basic surgical procedures and treatments: hand disinfection, wound suturing, catheterization, gastric probe insertion	K_E.U20	EPR
K01	can co-operate with team members and care about occupational safety	K_K03	EU, EPR
K02	can make opinions on different aspects of professional activities	K_K10	EU, EPR

Table presenting LEARNING OUTCOMES in relation to the form of classes

item	SYMBOL (referring Assumed Learning Outcomes)	Form of didactic classes						
		Lecture	Seminar	Practical classes	Clinical classes
1.	K_E.W02	X						
2.	K_E.W03	X						
3.	K_E.W07	X						
4.	K_E.U01				X			
5.	K_E.U20				X			
6.	K_K03				X			
7.	K_K10				X			

No. of learning content	Description of learning content	Number of hours	References to learning outcomes for the module
	Lectures	8	
TK 01	Acute abdominal conditions	1	W01, W02
TK 02	Selected issues in colorectal surgery.	1	W01, W02
TK 03	Selected issues in liver surgery	1	W01, W02
TK 04	Selected issues in pancreatic and biliary surgery.	1	W01, W02
TK 05	Selected issues in surgery of the stomach, duodenum and small	1	W01, W02
TK 06	Breast cancer: diagnosis and treatment.	1	W01, W02
TK 07	Thoracic, abdominal and multiple injuries	1	W01, W02
TK 08	Selected issues in arterial surgery.	1	W01, W02
	Practical classes	30	
TK 01	Cranio-cerebral injuries. Multi-organ and multiple injuries	2	W01, U02, U03, K01, K02
TK 02	Traumatic injuries of the thorax. Abdominal organ injuries.	2	W01, U02, U03, K01, K02
TK 03	Injuries of upper and lower limbs and pelvis	2	W01, U02, U03, K01, K02
TK 04	Burn, frostbite	2	W01, U02, U03, K01, K02

TK 05	Wounds. Techniques for small procedures	4	W01, U02, U03, K01, K02
TK 06	Abdominal hernias	2	W01; W02; U02; U03; K01;
TK 07	Acute abdominal disorder	2	W01, W02, U01, U02, U03,
TK 08	Surgery of the oesophagus and	2	W01; W02; U01; U02; K01;
TK 09	Surgery of the liver, biliary tract and pancreas	2	W01; W02; U01; U02; K01; K02;
TK 10	Surgery of the large intestine and rectum	2	W01, W02, U01, U02, U03, K01, K02
TK 11	Diseases of peripheral arteries	2	W01; W02; U01; U02; K01;
TK 12	Varicose veins of lower limbs. Venous thrombosis	2	W01; W02; U01; U02; K01; K02;
TK 13	Breast diseases	2	W01; W02; U01; U02; K01;
TK 14	Thyroid surgery	2	W01; W02; U01; U02; K01;

Booklist:			
Obligatory literature			
J. Fibak " <i>Chirurgia</i> " PZWL W-wa 2014			
Student's workload (balance of ECTS scores)			
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]		
	Tutor	Student	Mean
Contact hours with the tutor	30		
Time spent on preparation to seminars/ practical classes	10		
Time spent on reading recommended literature			
Time spent on writing report/making project			
Time spent on preparing to colloquium/ entry test			
Time spent on preparing to exam	30		
Other			
Student's workload in total	70		
ECTS credits for the module/subject	3		
Notes			

* Selected examples of methods of assessment:

EP – written examination

EU - oral examination

ET – test examination

EPR – practical examination

K – colloquium

R – report

S – practical skills assessment

RZC – practical classes report, incl. discussion on results

O - student's active participation and attitude assessment

SL - lab report

SP – case study

PS - assessment of student's ability to work independently

W – entry test

PM – multimedial presentation
other...