



Pomorski Uniwersytet Medyczny w Szczecinie

SYLLABUS of the MODULE (SUBJECT)

General information

Module name: Surgery and oncology	
Module type	Obligatory
Faculty PMU	Medicine and Dentistry (WLS)
Major	Medical and Dentistry (KLD)
Specialty	-
Level of study	Long-cycle studies
Form of study	full-time/part-time
Year, semester of studies 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/laboratories/etc. (Number of hours) VI semester: W (lecture) -8, ćw. (Pract. class) -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/subject 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 - Familiarisation with the basic methods of treatment of the most common neoplastic diseases
Prerequisite /essential requirements	Knowledge	<ul style="list-style-type: none"> - Basics of anatomy. - Pathophysiology of diseases of the digestive system, cardiovascular system, breast, skin and soft tissues. - Epidemiology of malignant tumours - Fundamentals of radiology - Laboratory diagnostics.
	Skills	Hand disinfection, cannulation of peripheral veins, clinical examination of a patient, assessment of vital signs.
	Competences	shows the habit of self-education and lifelong learning - accepts the need for ethical standards and legal conditions related to the performed profession. Ability to work in a team,

Description of learning outcomes for the module (subject)			
No.	Student, who has passed the (subject)	Symbol (Referring to) Assumed Learning Outcomes	Means of verification of learning outcomes*
W01	know the basic methods of medical examination and the role of additional examinations in diagnosing neoplastic diseases, gastrointestinal diseases, diseases of the peripheral circulatory system and injuries	K_E.W02	EU
W02	knows etiopathogenesis and symptomatology of diseases of the digestive system, breast, peripheral circulatory system and soft tissues	K_E.W03	EU
U01	Recognises: symptoms of acute abdominal conditions, gastrointestinal and breast cancer and diseases of the of the peripheral circulatory system	K_E.W07	EU, EPR
U02	can diagnose diseases of 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, insertion of a gastric probe	K_E.U20	EPR
K01	can cooperate and work in a group and take care of own and others work safety	K_K03	EU, EPR
K02	can formulate opinions on various aspects of professional activity	K_K10	EU, EPR

Table presenting LEARNING OUTCOMES in relation to the form of classes

No .	Symbol (Referring to) Assumed Learning Outcomes	Form of didactic classes							
		Lecture	Seminar	Practical	Clinical classes	others ...
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	Num ber of hours	Referring to learning outcomes for the module
	Lectures	8	
TK 01	Acute abdominal conditions	1	W01, W02
TK 02	Selected issues of colorectal surgery.	1	W01, W02
TK 03	Selected issues of liver surgery	1	W01, W02
TK 04	Selected issues of biliary tract surgery.	1	W01, W02
TK 05	Selected issues of stomach, duodenum and intestine surgery	1	W01, W02
TK 06	Breast cancer: diagnosis and treatment.	1	W01, W02
TK 07	Injuries to the thorax, abdominal cavity and multiple injuries	1	W01, W02
TK 08	Selected issues of artery surgery.	1	W01, W02
	Practical classes	30	
TK 01	Cranio-cerebral injuries. Multiple organ and Multiple injuries	2	W01, U02, U03, K01, K02
TK 02	Traumatic injuries of the thorax. Injuries to organs of the abdominal cavity.	2	W01, U02, U03, K01, K02

TK 03	Injuries of upper, lower limbs and pelvis	2	W01, U02, U03, K01, K02
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TK 04	Burn, frostbite	2	W01, U02, U03, K01, K02
TK 05	Wounds. Techniques of small procedures	4	W01, U02, U03, K01, K02
TK 06	Abdominal hernias	2	W01; W02; U02; U03; K01; K02;
TK 07	Acute abdominal disorder	2	W01, W02, U01, U02, U03,
TK 08	Surgery of the oesophagus and stomach	2	W01; W02; U01; U02; K01; K02;
TK 09	Surgery of the liver, biliary system and pancreas	2	W01; W02; U01; U02; K01; K02;
TK 10	Colorectal and rectal surgery	2	W01, W02, U01, U02, U03, K01, K02
TK 11	Diseases of peripheral arteries	2	W01; W02; U01; U02; K01; K02;
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; K02;
TK 14	Thyroid surgery	2	W01; W02; U01; U02; K01; K02;

Booklist			
Obligatory literature			
J. Fibak " <i>Chirurgia</i> " PZWL W-wa 2014			
Student's workload (balance of ECTS credits)			
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]		
	Tutor .	Student .	Average
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 on Laboratory/practical classes/making project/paper etc.			
Time spent on preparing to colloquium/short 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 – laboratory report

SP – case study

PS - assessment of student's ability to work independently

W – entry test

PM – multimedial presentation

and other