



Pomorski Uniwersytet Medyczny w Szczecinie

SYLLABUS of the MODULE (SUBJECT) General information

Module title: SURGERY AND ONCOLOGY	
Module type	Obligatory
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 (V)
ECTS credits (incl. semester breakdown)	2
Type/s of training	V sem.: W-15, PrCl-22
Form of assessment	graded assessment
Head of the Department/ Clinic, Unit	Dr n. med. Hanna Chojnacka
Persons conducting classes with indication of a tutor or person responsible for the module	Dr n. med. Marek Rybkiewicz Dr n. med. Piotr Juskiewicz Dr n. med. Jacek Materny Dr n. med. Kaja Giżewska-Kacprzak Dr n. med. Lidia Babiak-Choroszczak
Department's/Clinic's/Unit's website	
Language	Polish/English

Detailed information

Module objectives		Acquainting the student with conditions requiring surgical treatment in childhood; diagnostic possibilities, diagnosis of the condition and indications for surgery. Highlighting the physiopathological dissimilarities of the child's body from 1 day of life to 18 years of age in relation to their age.
Prerequisite /essential requirements	Knowledge	Human anatomy, physiology and pathology
	Skills	ability to take an interview with the patient or his/her carers - physical examination of a patient - giving first medical aid - ability to interpret imaging survey
	Competences	Ethical behaviour towards colleagues and medical staff, ability to contact with patients and their carers

Description of the learning outcomes for the subject /module			
item	Student, who has passed the module (subject) knows /is able to /can:	SYMBOL (Referring to) Assumed Learning Outcomes	Means of verification of learning outcomes*
W01	understands relationship between morphological anomalies and function of organs and systems, clinical symptoms and capacity of diagnostics and treatment	K_E.W01	S, D
W02	knows basic methods of medical examination and importance of additional examination with regard to diagnosis, monitoring, prognosis and prophylaxis of organ and systemic disorders in particular its effect on oral cavity tissues	K_E.W02	S, D
W03	knows etiopathogenesis and symptomatology of diseases of respiratory system, circulatory system, genitourinary system, hematopoietic system, immunological system, alimentary system, motor system and endocrine system with particular focus on disease whose symptoms occur in oral cavity	K_E.W03	S, D
W04	knows principles of procedure in case of multi-organ injury	K_E.W04	S, D
W05	knows symptoms of acute diseases of abdominal cavity, poisoning, symptoms of infection and septicemia	K_E.W07	S, D
W06	knows methods of cytological diagnostics and cytodiagnostic criteria for identification and differentiation of neoplastic and non-neoplastic diseases	K_E.W15	S, D
W07	knows immunological aspects of transplantation and hemothologic therapy	K_E.W16	S, D
W08	knows when to refer patient to hospital	K_E.W20	S, D
U01	plans diagnostics procedure and therapeutic	K_E.U03	S, D

	management in case of most common diseases in adults		
U02	identifies correct and pathological structures and organs in additional imaging examination (X-ray, USG, computer tomography)	K_E.U05	S, D
U03	diagnoses nasopharyngeal cavity diseases, knows etiology and pathomechanism thereof	K_E.U12	S, D
U04	diagnoses diseases causing enlargement of cervical lymph nodes and mandibular lymph nodes and contagious diseases with particular regard to changes in area of oral cavity	K_E.U18	S, D
U05	performs basic procedures and operations: body temperature measurement, sphygmometry, non-invasive blood pressure measurement, oxygen therapy, forced and supportive ventilation, introduction of mouth-throat tube, preparation of operating field, hygienic and surgical disinfection of hands, intravenous, intramuscular and subcutaneous injections, drawing peripheral venous blood, nose, throat and skin swabs, simple strip tests and glucose concentration measurement	K_E.U20	S, D
K01	shows habit of self-education and lifelong education	K_K01	S, D
K02	can co-operate with team members and care about occupational safety	K_K03	S, D
K03	shows respect to human body	K_K04	S, D
K04	shows respect to patient, social groups and cares for their goodwill and security	K_K05	S, D
K05	understands proper examiner/examined relationship	K_K08	S, D
K06	understands need for keeping professional secrecy and showing respect to patients' rights	K_K09	S, D
K07	can make opinions on different aspects of professional activities	K_K10	S, D

Table presenting LEARNING OUTCOMES in relation to the form of classes

item	SYMBOL (Referring to) Assumed Learning Outcomes	Form of didactic classes							
		Lecture	Seminar	Practical classes	Clinical classes	other ...
1.	K_E.W01	X			X				
2.	K_E.W02	X			X				
3.	K_E.W03	X			X				
4.	K_E.W04	X			X				
5.	K_E.W07	X			X				
6.	K_E.W15	X			X				
7.	K_E.W16	X			X				
8.	K_E.W20	X			X				
9.	K_E.U03	X			X				
10.	K_E.U05	X			X				
11.	K_E.U12	X			X				
12.	K_E.U18	X			X				
13.	K_E.U20	X			X				
14.	K_K01	X			X				
15.	K_K03	X			X				
16.	K_K04	X			X				
17.	K_K05	X			X				
18.	K_K08	X			X				
19.	K_K09	X			X				
20.	K_K10	X			X				

No. of learning content	Description of learning content	Number of hours	References to learning outcomes for the module
	Lecture + practical classes		
TK01	Asepsis and antisepsis	1 + 2	W01-05, U05, K01-07
TK02	Examination of a patient	1 + 2	W01-02, U01-05, K01-07
TK03	Instrumental examination	1 + 2	W01-02, U01-05, K01-07
TK04	Wounds and their treatment	1 + 2	W01-04, W08 U01-04, K01-07
TK05	Wound infections	1 + 2	W01 – W02, U01-02, K01-07
TK06	Bone inflammations	1 + 2	W01, W08, U02, K01-07
TK07	Haemorrhages	1 + 2	W01-03, W07-08, U01-02, U05, K01-07
TK08	Diseases of the gastrointestinal tract	1 + 2	W01-02, W08, U01-02, K01-07
TK09	Burns (2 parts)	2 + 2	W01-04, W07-08, U01-02, K01-07
TK10	Congenital malformations (2 parts)	2 + 2	W01, W08, U02, K01-07
TK11	Tumours in the oral cavity	1	W01-03, W07-08, U02-04, K01-07
TK12	Fractures of long bones	1 + 2	W01-04, W07-08, U02, K01-07

Booklist:			
Obligatory literature			
1. Jan Fibak „Chirurgia” Podręcznik dla studentów medycyny			
Nakład pracy studenta (bilans punktów ECTS)			
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	4		
Time spent on reading recommended literature	4		
Time spent on writing report/making project			
Time spent on preparing to colloquium/ entry test/	2		
Student’s workload in total	40		
ECTS credits for the module/subject	2		
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

D-Discussion