



Pomeranian Medical University in Szczecin

SYLLABUS of the SUBJECT General Information

Module title: Surgery and Oncology	
Module type	Obligatory
Faculty PMU	Faculty of Medicine and Dentistry
Major	Dentistry
Level of study	long-cycle (S2J)
Mode of study	full-time studies
Year of studies, semester	year III
ECTS credits (incl. semester breakdown)	2
Type/s of training	lectures e-learning (15h) /seminars (10h)/ practical (12h)/
Form of assessment ¹	<input checked="" type="checkbox"/> <u>graded assessment:</u> <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> <u>test</u> <input type="checkbox"/> practical <input type="checkbox"/> oral <input type="checkbox"/> non-graded assessment <input type="checkbox"/> final examination <input type="checkbox"/> descriptive <input type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral
Head of the Department/ Clinic, Unit	dr n. med. Kaja Giżewska-Kacprzak Department of Pediatric and Oncological Surgery, Urology and Hand Surgery
Tutor responsible for the module	dr n. med Kaja Giżewska-Kacprzak kaja.gizewska-kacprzak@pum.edu.pl tel: 914253186
Department's/ Clinic's/ Unit's website	https://www.pum.edu.pl/studia_iii_stopnia/informacje_z_jednostek/wmis/oddzia_kliniczny_chirurgii_dzieciecej_onkologicznej_urologii_i_chirurgii_rki/
Language	English

¹ replace into where applicable

Detailed information

Module objectives		To acquaint the student with medical conditions requiring surgical treatment in childhood; possibilities of diagnosis, diagnosis of the disease and indication for surgery. Emphasizing the physiopathological differentiation of the child's body from 1 day old to 18 years old in relation to his age.
Prerequisite /essential requirements	Knowledge	<i>Assessment of learning outcomes of knowledge and examinations in the study program of the first 2 years of studies</i>
	Skills	<i>Assessment of learning outcomes of knowledge and examinations in the study program of the first 2 years of studies</i>
	Competences	<i>Assessment of learning outcomes of knowledge and examinations in the study program of the first 2 years of studies and ethical behavior towards colleagues and medical staff, communication with the patient and his carers</i>

Description of the learning outcomes for the subject /module			
No. of learning outcome	Student, who has passed the (subject) knows /is able to /can:	SYMBOL (referring the standards)	Method of verification of learning outcomes*
W01	knows and understands relationship between morphological anomalies and function of organs and systems as well as clinical symptoms and capacity of diagnostics and treatment	E.W01	S, D, GAT
W02	knows and understands basic methods of medical examination and importance of additional tests with regard to diagnosis, monitoring, prognosis and prophylaxis of organ and systemic disorders in particular its effect on oral cavity tissues	E.W02	S, D, GAT
W03	knows and understands 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 with oral cavity manifestation	E.W03	S, D, GAT
W04	knows and understands principles of management in multi-organ injuries	E.W04	S, D, GAT
W05	knows and understands symptoms of acute diseases of abdominal cavity, poisoning, symptoms of infection and septicemia	E.W07	S, D, GAT
W06	knows and understands methods of cytological diagnostics and cytodiagnostic criteria for identification and differentiation of neoplastic and non-neoplastic diseases	E.W15	S, D, GAT
W07	knows and understands immunological aspects of transplantation and hemotherapy	E.W16	S, D, GAT
W08	knows and understands cases in which the patient should be referred to the hospital	E.W20	S, D, GAT
U01	is able to plan diagnostics and therapeutic management in case of most common diseases in adults	E.U03	S, D, GAT
U02	is able to identify normal and pathological structures and organs in additional imaging examination (X-ray, USG, computer tomography)	E.U05	S, D, GAT
U03	is able to diagnose nasopharyngeal cavity diseases, their etiology and pathomechanism	E.U12	S, D, GAT

U04	is able to diagnose diseases occurring with enlargement of cervical and submandibular lymph nodes and contagious diseases with particular regard to lesions in oral cavity	E.U18	S, D, GAT
U05	is able to perform basic routines and medical procedures: body temperature measurement, heart rate measurement, non-invasive blood pressure measurement, oxygen therapy, forced and supportive ventilation, oro-facial tube insertion, operating field preparation, hygienic and surgical hand disinfection, intravenous, intramuscular and subcutaneous injections, peripheral venous blood collection, nose, throat and skin swabs, simple strip tests and blood glucose concentration measurement	E.U20	S, D, GAT
K01	is ready to establish and maintain deep and respectful contact with the patient as well as to show understanding for ideological and cultural differences	K.1	S, D, GAT
K02	is ready to be guided by the patient wellbeing	K.2	S, D, GAT
K03	is ready to respect physician-patient privilege and patient's rights	K.3	S, D, GAT
K04	is ready to take activities towards patient on the basis of ethical principles with awareness of social conditions and disease restrictions	K.4	S, D, GAT
K05	is ready to notice and recognize own limitations, make self-assessment of educational deficits and needs	K.5	S, D, GAT

Table presenting LEARNING OUTCOMES in relation to the form of classes

No. of learning outcome	Learning outcomes	Type of training						
		Lecture	Seminar	Practical classes	Clinical classes	Simulations	E-learning	Other ...
W01	E.W01	x	x		x		x	
W02	E.W02	x	x		x		x	
W03	E.W03	x	x		x		x	
W04	E.W04	x	x		x		x	
W05	E.W07	x	x		x		x	
W06	E.W15	x	x		x		x	
W07	E.W16	x	x		x		x	
W08	E.W20	x	x		x		x	

U01	E.U03	X	X		X		X	
U02	E.U05	X	X		X		X	
U03	E.U12	X	X		X		X	
U04	E.U18	X	X		X		X	
U05	E.U20	X	X		X		X	
K01	K.1	X	X		X		X	
K02	K.2	X	X		X		X	
K03	K.3	X	X		X		X	
K04	K.4	X	X		X		X	
K05	K.5	X	X		X		X	

Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	No. of hours	References to learning outcomes
Winter semester			
Lectures (e-learning + practical exercises)			
TK01	The organisation of a surgical department and ambulatory clinic	2	W08
TK02	The organisation of Operating Theatres and sterilisation, aseptic and antiseptic procedures.	1	W08
TK03	History taking and physical examination	2	W01, W02, W03
TK04	Congenital facial malformations	2	W01, W02, W03
TK05	First Aid and bone fractures	2	W01, W04, W08,
TK06	Types of wound and soft tissue inflammation	2	W01, W02, W03
TK07	Tumors of head and neck	2	W02, W03, W08,
TK08	Burns	2	W01, W08,
Seminars			
TK01	Acute Abdomen	2	W01, W06, W07,08,
TK02	Battered Child Syndrome	2	W01, W02, W08, K01, K02, K03
TK03	Congenital Malformations that require surgical interventions	2	W01, W08
TK04	Infantile Haemangiomas and other vascular lesions	1	W03, W08
TK05	Minimally Invasive Surgery	2	W01, W02, W08
TK06	Varia - clinical cases	1	W01,W02,
Exercises			

TK01	Basic medical activities in pediatric surgery (including activities in the pediatric surgery department, in the operating theater and in the hospital emergency department)	6	U01-U05, K1-K5
TK02	Diagnostic activities for children carried out in pediatric surgery (including classes in the pediatric surgery clinic)	6	U01-U05, K1-K5

Booklist

Obligatory literature:

1 Principles and Practice of Surgery O James Garden Rowan W Parks 7th Edition Elsevier 2017.

Student's workload

Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]
	Tutor
Contact hours with the tutor	37
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
Time spent on preparing to exam	
Other	
Student's workload in total	47
ECTS credits for the subject (in total)	2
Remarks	

* 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

GAT- graded assessment - test