



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT)

valid from the academic year 2018/2019

General Information

Module title	Maxillofacial Surgery with Oncology
Module type	Obligatory
Faculty	Faculty of Medicine and Dentistry
Field of study	Medicine and Dentistry
Major	Not applicable
Level of study	long-cycle (S2J)
Mode of study	intramural
Year of studies, semester	Year 5 (sem. IX i X)
ECTS credits (incl. semester breakdown)	sem. IX – 1 ECTS sem. X – 2 ECTS
Type/s of training	seminars – 5h (sem. IX) practical classes - 30 h (sem. IX) practical classes – 30 h (sem. X)
Form of assessment	final examination: test
Head of the Department/ Clinic, Unit	dr hab. Katarzyna Sporniak-Tutak prof. PUM
Tutor responsible for the module	dr hab. Katarzyna Sporniak-Tutak prof. PUM dr hab. Ludmiła Halczy-Kowalik dr Robert Kowalczyk dr Anna Rzewuska dr Dorota Margula-Jaśkowska
Department's/ Clinic's/ Unit's website	https://www.pum.edu.pl/wydzialy/wydzial-lekarsko-stomatologiczny/klinika-chirurgii-szczekowo-twarzowej
Language	English

Detailed information

Module objectives		<p>The aim of the maxillo-facial surgery module is:</p> <ul style="list-style-type: none"> - preparing the dentists to recognize and treat lesions of oral cavity, face and neck, odontogenic and non-odontogenic inflammatory processes, and to focus their attention on the possibility of life – threatening complications. - establishing oncologic awareness and alertness – the ability to recognize pre-cancerous conditions of stomatognathic system, and to get familiar with diagnostics and the treatment of oral cavity mucosa, jaw bones, salivary glands, and face layers neoplasms. - presenting the effects of cranio-facial injuries, determining diagnostic possibilities and treatment of bones fracture within the area, and predicting possible complications. - determining the need and possibility of surgical improvement of incorrect topographic relations within the cranio-facial area and presenting surgical treatment. <p>The given knowledge includes both historical and the most current information of the subject.</p>
Prerequisite /essential requirements	Knowledge	<ul style="list-style-type: none"> - head and neck anatomy and topography, - functional relationship in stomatognathic system, - neoplasms etiology, - pathological process prevention, diagnostic and treatment,
	Skills	<ul style="list-style-type: none"> - taking clinical examination and medical history, - distinguishing pathological conditions in oral cavity, head & neck during examination
	Competences	<ul style="list-style-type: none"> - team work ability (e.g. operating room), - compassion, respect and understanding of patient needs, - continuous improvement of knowledge and skills,

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) ZEK	Method of verification of learning outcomes *
W01	knows rules of prophylactic-therapeutic procedures in diseases of stomatognathic system in different phases of development	K_F.W03	Systematic verification during practical hours 2 test quolloquiums Final test (100 questions)
W02	knows symptoms, course and procedures for certain diseases of oral cavity , head and neck with regard to age groups	K_F.W05	
W03	knows rules of administering local anesthesia in area of stomathognathic system	K_F.W06	
W04	knows principles of conduct of pulp diseases and mineralized tooth tissue and injury of tooth and facial skeleton	K_F. W07	
W05	knows principles of conduct of cyst, precancerous condition and neoplasm of head and neck	K_F. W10	
W06	knows causes and procedures for management with complications of stomatognathic system diseases	K_F. W14	
W07	knows therapy and methods of preventing and controlling pain, stress and anxiety	K_F.W17	
U01	interviews patient or his/her family	K_F. U01	
U02	carries out physical examination of patient	K_F. U02	

U03	provides patient with explanation about nature of ailment, prescribes treatment confirmed by patient's free consent and prognosis	K_F. U03	
U04	provides patient or his/her relatives with bad news about health state	K_F. U04	
U05	samples and protects material for diagnostic examination (incl. of cytology)	K_F. U05	
U06	interprets results of ancillary tests	K_F. U06	
U07	finds indications as to performance of certain dental procedure	K_F. U07	
U08	knows prophylaxis of oral cavity diseases	K_F.U08	
U09	knows procedures applicable to diseases of stomatognathic system tissues, tooth and jaw bones	K_F. U09	
U10	treats acute and chronic tooth-related and non-tooth-related inflammation of oral cavity soft tissue, paradontium and jaw bones	K_F. U10	
U11	knows procedures applicable to cases of general and local complications during and after dental treatment	K_F. U11	
U12	keeps day-to-day patient's records, refers patient to general and special dental and medical examination or treatment	K_F. U13	
U13	identifies research issues connected with his/her work	K_F.U14	
U14	presents selected medical issues in written or oral form relevantly to recipient standards	K_F.U15	
U15	establishes treatment in diseases of stomatognathic system tissues	K_F.U18	
U16	uses certain drugs during and after dental procedure to relieve pain and stress	K_F. U19	
K01	accepts need of standards of conduct and legislation regarding medical practice	K_K02	
K02	understands sense of responsibility for entrusted property	K_K07	
K03	can co-operate with team members and care about occupational safety	K_K03	
K04	shows respect to patient, social groups and cares for their goodwill and security	K_K05	
K05	understands proper examiner/examined relationship	K_K08	

Table presenting learning outcomes of the subject/module in relation to the form of classes								
No.	SYMBOL (referring the standards) ZEK	Type/s of training						
		Lecture	Seminar	Practical classes	Clinical classes	Other...
1.	K_F.W03		X		X			
2.	K_F.W05		X		X			
3.	K_F.W06		X		X			
4.	K_F.W07		X		X			
5.	K_F.W10		X		X			
6.	K_F.W14		X		X			
7.	K_F.W17		X		X			
8.	K_F.U01				X			
9.	K_F.U02				X			
10.	K_F.U03				X			
11.	K_F.U04				X			
12.	K_F.U05				X			
13.	K_F.U06				X			
14.	K_F.U07				X			
15.	K_F.U08				X			
16.	K_F.U09				X			
17.	K_F.U10				X			
18.	K_F.U11				X			
19.	K_F.U13				X			
20.	K_F.U14				X			
21.	K_F.U15				X			
22.	K_F.U18				X			
23.	K_F.U19				X			
24.	K_K02				X			
25.	K_K07				X			
26.	K_K03				X			
27.	K_K05				X			
28.	K_K08				X			

Module contents no.	Description of teaching programme	No. of hours	References to learning outcomes
	Seminars:	5	
TK01	Injuries of craniomaxillofacial region.	1	W01, W02, W04, W03, W06, W07,
TK02	Injuries of upper part of facial skeleton.	1	W01, W02, W04, W06, W07,
TK03	Injuries of middle part of facial skeleton.	1	W01, W02, W04, W06, W07,
TK04	Injuries of mandible and temporo-mandibular joints.	1	W01, W02, W04, W06, W07,
TK05	Traumatic shock and injuries of CNS.	1	W01, W02, W04, W06, W07, K05, U06
	Practical classes:	60	
TK01	Patient treatment	5	U01,U02, U03, U04, U05, U06, U07, U11, U12, U16, K04, K05
TK02	Orofacial manifestations of neurological, endocrinical and hematological disorders.	2	U01, U02, U06, U8, U10, U11, U12, U13, U14, K04, K05
TK03	Stomatognathic system disorders profilaxis.	3	U03, U05, U06, U08, U09, U10, U14, U15
TK04	Inflammation proces of Stomatognathic system disorders.	4	U01, U02, U06, U08, U09, U10, U11, U12, U14, U15
TK05	Orthognathic defects of facial skeleton.	5	U01, U02, U03, U06, U08, U12, U15
TK06	Associated maxillofacial injuries of multiple body injuries.	5	U01, U02, U03,U06, U07, U09, U10, U12, U14, K03
TK07	Reconstruction of face and neck structures after oncologic treatment.	6	U03, U06, U09, U10, U11, U12, U15,
TK08	Rehabilittion of face and neck structures after oncologic treatment.	4	U01, U02, U03, U09, U12, U13, U14, U15, K01, K03, K04
TK09	Bone and soft tissues healing – general and local conditions.	4	U03, U06, U07, U08, U09, U10, U11,U12, U13
TK10	Maxillofacial surgery complications.	5	U06, U09, U10, U11, U12, U15 K03, K04, K05
TK11	Oncological patient.	14	W05, U01, U03, U04, U04, U06, U07, U12, U13, U14, K01, K02
TK12	Wound infection – profilaxis, treatment.	3	U05, U07, U08, U09, U10, U11, U12

Booklist
Obligatory literature:
1. Shahrokh C. Bagheri, Chris Jo : Clinical Review of Oral and Maxillofacial Surgery, Mosby Elsevier, 2008
2. Shahrokh C. Bagheri, Khan H.A.: Current Therapy In Oral and Maxillofacial Surgery. Saunders, 2011,
3. Netter's Head and Neck Anatomy for Dentistry 2nd Edition. Saunders 2012.

Student's workload (balance sheet 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	65		
Time spent on preparation to seminars/ practical classess	20		
Time spent on reading recommended literature	15		
Time spent on writing report/making project			
Time spent on preparing to colloquium/ entry test			
Time spent on preparing to exam	15		
Other			
Student's workload in total	115		
ECTS credits for the subject (in total)	3		
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

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