



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	Rok 4 (semestr VIII)
ECTS credits (incl. semester breakdown)	3
Type/s of training	Lectures 10h. seminar 10h practical classes 30h
Form of assessment	graded assessment
Head of the Department/ Clinic, Unit	dr hab. Katarzyna Sporniak-Tutak prof. PUM
Tutor responsible for the module	dr n. med. Dorota Margula-Jaśkowska lek. dent. Jerzy Szyndel
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"> - to prepare the dentists to recognize and treat oral cavity, face and neck, odontogenic and non-odontogenic inflammatory processes, and to focus their attention on the possibility of life – threatening complications, - to establish oncologic awareness and alertness – the ability to recognize pre-cancerous conditions in stomatognathic system, and to get familiar with diagnostics and the treatment of oral cavity mucosa, jaw bones, salivary glands, and face layers neoplasms, - to present the effects of cranio-facial injuries, to determine diagnostic and treatment possibilities of bones fracture within the area, and to predict possible complications. - to determine the need and possibility of surgical intervention in cranio-facial skeletal deformities. <p>The given knowledge includes both historical and contemporary approach to the subject.</p>
Prerequisite /essential requirements	Knowledge	<ul style="list-style-type: none"> - head and neck anatomy and topography, - functional relationship in stomatognathic system, - basic radiological examination types,
	Skills	<ul style="list-style-type: none"> - taking medical history, - performing basic clinical examination, - distinguishing pathological conditions in oral cavity, head & neck ,
	Competences	<ul style="list-style-type: none"> - team work ability, - 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
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 therapy and methods of preventing and controlling pain, stress and anxiety	K_F.W17	
U01	knows prophylaxis of oral cavity diseases	K_F.U08	1 test at the end of semester
U02	identifies research issues connected with his/her work	K_F.U14	
U03	presents selected medical issues in written or oral form relevantly to recipient standards	K_F.U15	
U04	establishes treatment in diseases of stomatognathic system tissues	K_F.U18	
K01	accepts need of standards of conduct and legislation regarding medical practice	K_K02	
K02	understands sense of responsibility for entrusted property	K_K07	

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							
3.	K_F.W17	X	X		X				
4.	K_F.U08	X	X		X				
5.	K_F.U14				X				
6.	K_F.U15	X			X				
7.	K_F.U18	X			X				
8.	K_K02				X				
9.	K_K07				X				

Module contents no.	Description of teaching programme	No. of hours	References to learning outcomes
	Lectures:	10	
TK 01	Perioral inflammations. Specific & non-specific inflammations.	1	W02
TK 02	Inflammation spread. Systemic complications of perioral inflammations.	1	W02
TK 03	Principles of the head & neck cancer diagnosis.	1	W01, W02
TK 04	Carcinogenesis. Cancer risk factors. HPV induced neoplasms of pharynx and oral cavity. Premalignant lesions.	1	W01, W02
TK 05	Malignant melanoma of oral mucosa and skin. Facial skin cancer. Cancer of: lip, oral tongue, cheek, retromolar trigone, FOM, maxillary sinus.	1	W01, W02
TK 06	Salivary glands neoplasms.	1	W02
TK 07	Metastases to cervical lymph nodes. TNM classification.	1	W02
TK 08	Neoplasms grading. Neck tumors.	1	W02
TK 09	Odontogenic tumors. Osteodystrophies.	1	W02
TK 10	Hemangiomas and vascular malformations (causes, development, diagnosis, treatment).	1	W02
	Seminars:	10	
TK01	Oncology part I – oncogenesis, Premalignant lesions, cancers classification.	1	U01, W01, W02
TK02	Oncology part II – TNM, therapy, outcomes.	1	W02
TK03	Sarcomas of head & neck.	1	W02
TK04	Perioral neoplasms in children.	1	W02
TK05	Principles of head & neck cancers management.	1	W02
TK 06	Chemo & radiotherapy in head & neck cancers treatment.	1	W02
TK 07	Complications of cancer treatment.	1	W02
TK 08	Tissue reconstructions after oncologic surgery.	1	W02
TK 09	Post-treatment rehabilitation.	1	W02, W03
TK 10	Maxillo-facial prosthetics.	1	W02

	Practical classes:	30	
TK 01	Clinical examination.	2	U01, U02, U03
TK 02	Oral cavity considered as diagnostic area for neurologic, endocrinologic and hematologic diseases.	2	U01, U02
TK 03	Masticatory system diseases prophylaxis.	2	K01, K02,
TK 04	Inflammations in masticatory system.	4	U01, U02
TK 05	Salivary glands disorders.	5	U01, U02, U03, U04, K01, K02
TK 06	Oral cancer.	5	U01, U02, U03
TK 07	Odontogenic and non-odontogenic tumors of facial skeleton.	2	U01, U02, U03, K01, K02
TK 08	Facial skin neoplasms.	2	U01, U02, U03
TK 09	Cancer disease prophylaxis.	4	U01, U02, U03, U04
TK 10	Interdisciplinary treatment needs in stomatognathic system disorders.	2	K01, K02

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	50		
Time spent on preparation to seminars/ practical classess	5		
Time spent on reading recommended literature	10		
Time spent on writing report/making project			
Time spent on preparing to colloquium/ entry test			
Time spent on preparing to exam			
Other			
Student’s workload in total	65		
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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