



# Pomeranian Medical University in Szczecin

## SYLLABUS of the MODULE (SUBJECT) valid from the academic year 2017/2018

### 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	non-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	<a href="https://www.pum.edu.pl/wydzialy/wydzial-lekarsko-stomatologiczny/klinika-chirurgii-szczekowo-twarzowej">https://www.pum.edu.pl/wydzialy/wydzial-lekarsko-stomatologiczny/klinika-chirurgii-szczekowo-twarzowej</a>
Language	English

**Detailed information**

<b>Module objectives</b>		<p>The aim of the maxillo-facial surgery module is:</p> <ul style="list-style-type: none"> <li>- 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,</li> <li>- 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,</li> <li>- 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.</li> <li>- to determine the need and possibility of surgical intervention in cranio-facial skeletal deformities.</li> </ul> <p>The given knowledge includes both historical and contemporary approach to the subject.</p>
Prerequisite /essential requirements	Knowledge	<ul style="list-style-type: none"> <li>- head and neck anatomy and topography,</li> <li>- functional relationship in stomatognathic system,</li> <li>- basic radiological examination types,</li> </ul>
	Skills	<ul style="list-style-type: none"> <li>- taking medical history,</li> <li>- performing basic clinical examination,</li> <li>- distinguishing pathological conditions in oral cavity, head &amp; neck ,</li> </ul>
	Competences	<ul style="list-style-type: none"> <li>- team work ability,</li> <li>- compassion, respect and understanding of patient needs,</li> <li>- continuous improvement of knowledge and skills,</li> </ul>

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  1 test at the end of semester
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	
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 (subject) contents no.	Description of teaching programme	No. of hours	References to learning outcomes
	<b>Lectures:</b>	<b>10</b>	
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
	<b>Seminars:</b>	<b>10</b>	
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
	<b>Practical classes:</b>	<b>30</b>	
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.			
Supplementary literature:			
1.			
2.			
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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