



Pomorski Uniwersytet Medyczny w Szczecinie

SYLLABUS of the MODULE (SUBJECT)

General information

Module title: MAXILLOFACIAL SURGERY WITH 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 5 (semester IX, X)
ECTS credits (incl. semester breakdown)	sem.IX - 1 ECTS, sem. X – 2 ECTS
Type/s of training	Seminars –3h (sem. IX) Practical classes–60h (sem. IX - 30h, sem. X - 30h) Total – 63h
Form of assessment	final examination test
Head of the Department/ Clinic, Unit	dr n. med. Robert Kowalczyk
Persons conducting classes with indication of a tutor or person 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-szczdkowo-twarzowej
Language	Polish/English

Detailed information

Module objectives	<p>The objective of the training in maxillo-facial surgery is to deepen the knowledge of dentists on inflammatory conditions of the oral cavity, face and neck, dental-derived and non-dental-derived, to deepen oncological vigilance in dentists and to make them familiar with the diagnostics and treatment of tumours of the oral cavity mucosa, jawbone, salivary glands, facial coatings. The aim of teaching is also to determine the need and possibility of operative maxillofacial defects.</p> <p>The teaching includes a complete clinical examination, familiarisation with the medical records, participation in the selection of diagnostic tests, in the planning of the surgical procedure, observation of the procedure, assisting in the procedure, participation in the change of dressings, in determining recommendations at discharge from the hospital.</p>	
Prerequisite /essential requirements	Knowledge	<p>Knowledge of the structural determinants of stomatognathic system function. Understanding of the need to prevent pathological processes in the oral cavity, sensitivity to complaints reported by patients, announcing systemic consequences of these processes</p>
	Skills	<p>Taking medical history and examination, noticing deviations from the normal state during that examination</p>
	Competences	<p>Ability to work in a team (e.g. operating block), Relationships with patients based on willingness to understand and help, need for constant updating of knowledge</p>

Description of the learning outcomes for the subject /module			
No. of learning outcome	Student, who has passed the module (subject) knows /is able to /can:	SYMBOL (referring Assumed Learning Outcomes	Means 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 assessment during practical classes 2 colloquiums Theoretical test examination 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 the principles of performing local anaesthesia of the tissues of the masticatory organ	K_F.W06	
W04	Knows the rules of treatment of pulp diseases and mineralized tooth tissues as well as dental and facial bone injuries	K_F. W07	
W05	Knows the principles of proceeding with cysts, precancerous conditions and tumours of the head and neck	K_F. W10	
W06	knows causes and procedures for management with complications of stomatognathic system diseases	K_F. W14	
W07	Knows therapeutic methods for limiting and relieving pain and reducing anxiety and stress	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	Draws and secures material for diagnostic tests, including 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, dento- and non-dento-derived inflammatory processes of the oral soft tissues, periodontium and jawbone	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	Formulates research issues connected with his/her work	K_F. U14	
U14	presents selected medical issues in written or oral form relevantly to the recipient level	K_F. U15	
U15	establishes treatment in diseases of stomatognathic system tissues	K_F. U18	
U16	Uses appropriate medication during and after dental procedure to relieve pain and anxiety	K_F. U19	
K01	accepts need of standards of conduct and legislation regarding medical practice	K_K02	
K02	Understands the sense of responsibility for the 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 in relation to the form of classes									
item	SYMBOL (referring Assumed Learning Outcomes)	Form of didactic classes							
		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				

No. of learning content			
No. of learning content	Description of learning content	Number of hours	References to learning outcomes for the module
	Seminars:	3	
TK01	Injuries to the face and craniofacial skeleton.	1	W01, W02, W04, W03, W06, W07,
TK02	Injuries to the upper craniofacial region	1	W01, W02, W04, W06, W07,
TK03	Injuries to the middle craniofacial region.	1	W01, W02, W04, W06, W07,
	Practical classes	60	
TK01	Examination of a patient	5	U01,U02, U03, U04, U05, U06, U07, U11, U12, U16 K04, K05
TK02	Oral cavity as a diagnostic area for neurological, endocrine, haematological disorders	2	U01, U02, U06, U8, U10, U11, U12, U13, U14 K04, K05
TK03	Prevention of diseases of the masticatory organ	3	U03, U05, U06, U08, U09, U10, U14, U15
TK04	Inflammatory processes in the stomatognathic system	4	U01, U02, U06, U08, U09, U10, U11, U12, U14, U15
TK05	Gnathological defects of the craniofacial region	5	U01, U02, U03, U06, U08, U12, U15
TK06	Craniofacial injuries among multiple injuries	5	U01, U02, U03,U06, U07, U09, U10, U12, U14, K03
TK07	Methods of reconstruction of the masticatory organ structures resected because of cancer,	6	U03, U06, U09, U10, U11, U12, U15,
TK08	Possibilities of rehabilitation of the stomatognathic system mutilated as a result of neoplastic treatment	4	U01, U02, U03, U09, U12, U13, U14, U15, K01, K03, K04
TK09	Bone and soft tissue healing - systemic and local conditions	4	U03, U06, U07, U08, U09, U10, U11,U12, U13
TK10	Complications after surgery in maxillofacial surgery	5	U06; U09; U10; U11; U12; U15; K03, K04, K05
TK11	Patient with neoplastic disease	14	W05, U01, U03, U04, U04, U06, U07, U12, U13, U14, K01, K02
TK12	Wound infections - prevention, treatment	3	U05, U07, U08, U09, U10, U11, U12

Booklist:
Obligatory literature
1. S. Bartkowski: Chirurgia szczękowo-Twarzowa, Kraków, 1996,
2. T. Kaczmarzyk, J. Stypułkowska, R. Tomaszewska, J. Czopek: Nowotwory zębopochodne i guzy nowotworopodobne kości szczękowych, warszawa, 2009,
3. L. Kryst: Chirurgia Szczękowo-Twarzowa, Warszawa, PZWL,2009,
4. L.Lewandowski: Onkologia szczękowo-twarzowa, Poznań, 2004,
Supplementary literature:
1. J.Shah: Chirurgia I onkologia głowy i szyi. Tom I i II; Elsevier Urban& Partner, 2014, red. W Golusiński
2. A. Włodarkiewicz: Dermatochirurgia. Cornetis, Wrocław 2009.

Standards of procedures required to obtain credit:
5 dressing changes 2 assistance during the procedure, Description of 2 medical histories

Student's workload (balance of ECTS scores)			
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	65		
Time spent on preparation to seminars/ practical classes	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 module/subject	3		
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

RZĆ – 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 other