



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 4 (semester VIII)
ECTS credits (incl. semester breakdown)	3
Type/s of training	Lecture - (8h) seminars - (10h) practical classes - (30 h) Total - (50h)
Form of assessment	graded assessment
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 module objective in the scope of maxillo-facial surgery is to prepare dentists to diagnose and treat inflammatory conditions of the oral cavity, face and neck. To develop oncological vigilance in dentists - the ability to recognize situations in the stomatognathic system that may create a precancerous condition, and to familiarize them with the diagnosis and treatment of neoplasms of the oral cavity mucosa, jawbone, salivary glands, and facial coatings.</p> <p>The knowledge imparted includes both historical background and recent reports on the subject.</p>	
Prerequisite /essential requirements	Knowledge	Knowledge of the structural determinants of stomatognathic system function.
	Skills	Taking medical history and examination, noticing deviations from the normal state during that examination
	Competences	Teamwork ability, the ability to signal to the patient the willingness to understand and help, the need for constant enrichment of knowledge

Description of the learning outcomes for the subject /module			
item	Student, who has passed the module (subject) knows /is able to /can:	SYMBOL (Referring to) 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
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 therapeutic methods for limiting and relieving pain and reducing anxiety and stress	K_F.W17	
U01	knows prophylaxis of oral cavity diseases	K_F.U08	1 test colloquium in semester 8
U02	identifies research issues connected with his/her work	K_F.U14	
U03	presents selected medical issues in written or oral form relevantly to the recipient level	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 the sense of responsibility for entrusted property	K_K07	

Table presenting LEARNING OUTCOMES in relation to the form of classes									
item	SYMBOL (Referring to) 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							
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				

No. of learning content			
No. of learning content	Description of learning content	Number of hours	References to learning outcomes for the module
	Lectures	8	
TK 01	Peri-maxillary inflammatory conditions. Specific and non-specific inflammations. Spread of inflammatory processes. Systemic complications of peri-maxillary inflammatory processes.	1	W02
TK 02	General principles of diagnosis of neoplasms in the oral cavity, jaws and face.	1	W01, W02
TK 03	Risk factors in the process of carcinogenesis. HPV-infection in the process of oral and pharyngeal cancer formation. Precancerous conditions.	1	W01, W02
TK 04	Carcinoma of the lip. Skin cancer of the face. Melanoma of the mucous membrane and skin. Oral cavity cancers. Precancerous conditions. Cancer of the tongue, cheek, zygomatic triangle, floor of the mouth. Carcinoma of the jaw.	1	W01, W02
TK 05	Tumours of the salivary glands. Differentiation levels of tumours. Tumours of t	1	W02
TK 06	Metastases of head and neck cancers to the lymphatic system of the neck. TNM classification.	1	W02
TK 07		1	W02
TK 08	Hemangiomas and vascular malformations (causes, formation, diagnosis, treatment).	1	W02
	Seminars:	10	
TK01	Oncology I - oncogenesis, pre-cancerous conditions, division of tumours.	1	U01, W01, W02
TK02	Oncology II - TNM, therapy, treatment	1	W02

	outcomes.		
TK03	Sarcomas of the head and neck region.	1	W02
TK04	Neoplastic tumours of the jaws in children.	1	W02
TK05	General methods of treatment of tumours of the head and neck region.	1	W02
TK 06	Chemotherapy and radiotherapy in the treatment of cancer.	1	W02
TK 07	Complications of cancer treatment.	1	W02
TK 08	Methods of reconstruction of tissue defects after resection surgery for tumours of the head and neck region.	1	W02
TK 09	Rehabilitation of patients after treatment of tumours of the oral cavity and jaws.	1	W02, W03
TK 10	Maxillo-facial prosthetics.	1	W02
	Practical classes	30	
TK 01	Examination of a patient	2	U01, U02, U03
TK 02	Oral cavity as a diagnostic area for neurological, endocrine, haematological disorders	2	U01, U02
TK 03	Prevention of diseases of the masticatory organ	2	K01, K02,
TK 04	Inflammatory processes in the stomatognathic system	4	U01, U02
TK 05	Tumours and tumour-like lesions of the salivary glands	5	U01, U02, U03, U04 K01, K02
TK 06	Oral cancer	5	U01, U02, U03
TK 07	Dental and non-dental bone tumours of the craniofacial region	2	U01, U02, U03 K01, K02
TK 08	Tumours of face shells	2	U01, U02, U03
TK 09	Prevention of neoplastic disease	4	U01, U02, U03, U04
TK 10	The need for interdisciplinary management of diseases of the stomatognathic system.	2	K01, K02

Booklist:

Obligatory literature:

1. **S. Bartkowski: Chirurgia szczękowo-Twarzowa, Kraków, 1996**
2. **T. Kaczmarski, 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**

Literatura uzupełniająca

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	48		
Time spent on preparation to seminars/ practical classes	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	63		
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

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

other...