



Pomorski Uniwersytet Medyczny w Szczecinie

SYLLABUS of the MODULE (SUBJECT)

General information

Module title: Dental surgery	
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 and X
ECTS credits (incl. semester breakdown)	7 ECTS (semester IX-4, semester X-3)
Type/s of training	Seminars -10h (sem. IX) Practical classes-115h (sem. IX - 60h, sem. X - 55h) Total – 125h
Form of assessment	final examination - test - practical
Head of the Department/ Clinic, Unit	Dr hab. n. med. Grzegorz Trybek
Persons conducting classes with indication of a tutor or person responsible for the module	Dr hab. n. med. Grzegorz Trybek n. med. Olga Preuss Lek. dent. Magda Aniko-Włodarczyk- Person responsible for the module Katarzyna Schneider Lek. dent. Justyna Rydlińska e-mail: kzchstom@pum.edu.pl
Department's/Clinic's/Unit's website	http://www.pum.edu.pl/wydzialy/wydzial-lekarsko-stomatologiczny/zaklad-chirurgii-stomatologicznej
Language	Polish/English

Detailed information

Module objectives		The objective of teaching dental surgery in the fifth year of study is to consolidate information the knowledge of which is necessary for diagnosis and treatment management during independent work in the dental surgery.
Prerequisite /essential requirements	Knowledge	Knowledge of anatomy of the facial part of the skull, knowledge of etiopathogenesis of inflammatory and neoplastic diseases of the oral cavity and face. Knowledge of basic drugs used in pharmacotherapy of oral and facial diseases.
	Skills	Interpretation of additional laboratory tests, interpretation of radiographs and radiological examinations in the basic range.
	Competences	Ability to establish contacts with patients, Teamwork capability

Description of the learning outcomes for the subject /module			
No. of learning outcome	Student, who has passed the (subject)	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	K – colloquium W – entry test, PM – multimedial presentation S - practical skills assessment
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 rules of performing local anaesthesia of the masticatory organ tissues	K_F.W06	
W04	knows the rules of conduct in case of periapical diseases	K_F.W08	
W05	knows principles of conduct of cyst, precancerous condition and neoplasm of head and neck	K_F.W10	Short test at each seminar on the subject of the seminar in question
W06	knows indications and contraindications as to treatment with use of dental implants	K_F.W12	
W07	knows causes and procedures for management with complications of stomatognathic system diseases	K_F.W14	
W08	knows therapeutic methods, for limiting and relieving pain and reducing anxiety and stress	K_F.W17	EPR – practical examination ET – test examination
W09	knows anaesthesia principles in dental procedures and basic pharmacological agents	K_F.W19	
U01	takes medical history with a patient or his/her family	K_F.U01	

U02	carries out physical examination of patient	K_F.U02	K – colloquium W – entry test, PM – multimedial presentation S - practical skills assessment Short test at each seminar on the subject of the seminar in question EPR – practical examination ET – test examination
U03	provides patient with explanation about nature of ailment, prescribes treatment confirmed by patient’s free consent and prognosis	K_F.U03	
U04	imparts unfavourable information on health condition to the patient or his/her relatives	K_F.U04	
U05	interprets results of ancillary tests	K_F.U06	
U06	determines indications for a specific dental procedure	K_F.U07	
U07	knows prophylaxis of oral cavity diseases	K_F.U08	
U08	knows procedures applicable to diseases of stomatognathic system tissues, tooth and jaw bones	K_F.U09	
U09	treats acute and chronic, dento- and non- dento-derived inflammatory processes of the oral soft tissues, periodontium and jawbone	K_F.U10	
U10	knows the principles of conduct in the event of general and local complications during and after dental procedures	K_F.U11	
U11	keeps day-to-day patient’s records, refers patient to general and special dental and medical examination or treatment	K_F.U13	
U12	identifies research issues connected with his/her work	K_F.U14	
U13	presents selected medical issues in written or oral form relevantly to the recipient level	K_F.U15	
U14	establishes treatment in diseases of tissues of the stomatognathic system	K_F.U18	
U15	uses appropriate medication during and after dental procedure to relieve pain and anxiety	K_F.U19	
K01	shows respect for the patient, social groups and concern for their welfare and safety	K_K05	
K02	understands the need to maintain medical confidentiality and respect for patients' rights	K_K09	
Final examination 1.Theoretical examination in the form of a 100-question test 2.Practical examination including taking medical history and physical examination of the patient, suggesting laboratory tests, their interpretation, making the diagnosis and suggesting treatment			

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				
2.	K_F.W05		X		X				
3.	K_F.W06				X				
4.	K_F.W08		X		X				
5.	K_F.W10		X		X				
6.	K_F.W12		X		X				
7.	K_F.W14		X		X				
8.	K_F.W17				X				
9.	K_F.W19				X				
10.	K_F.U01				X				
11.	K_F.U02				X				
12.	K_F.U03				X				
13.	K_F.U04				X				
14.	K_F.U06		X		X				
15.	K_F.U07				X				
16.	K_F.U08				X				
17.	K_F.U09		X		X				
18.	K_F.U10		X		X				
19.	K_F.U11				X				
20.	K_F.U13				X				
21.	K_F.U14				X				
22.	K_F.U15				X				
23.	K_F.U18				X				
24.	K_F.U19				X				
25.	K_K05				X				
26.	K_K09				X				

No. of learning content			
No. of learning content	Description of learning content	Number of hours	References to learning outcomes for the module
	Seminars:		
TK01	Principles of management in the elimination of pain and anxiety before dental procedures. Technique of anaesthesia.	4	W01
TK02	Diseases of the salivary glands, inflammatory conditions - division, etiopathogenesis, differentiation. Diagnosis, treatment strategies.	2	W02, U02
TK03	Craniofacial pain syndromes. Diagnostics of pathological conditions within the temporomandibular joints. Differential diagnostics.	2	W03, W09
TK04	Dental implantology. Pre-prosthetic procedures in the oral cavity.	2	W06, K01, U14
	Practical classes		
TK05	Principles of management in the elimination of pain and anxiety before dental procedures. Technique of anaesthesia.	20	W09, W08
TK06	Tooth extraction techniques.	30	W04, W07, U06, U09
TK07	Dental procedures in patients with systemic diseases. Emergency conditions in the dental surgery.	10	U10, U07, U05, U11
TK08	Diseases of the salivary glands, inflammatory conditions - division, etiopathogenesis, differentiation. Diagnosis, treatment strategies.	10	U12, U15, K02
TK09	Injuries to teeth and alveolar process. Fracture of the mandible and maxilla. Division, clinical picture, diagnosis and treatment.	10	U08
TK10	Precancerous conditions of face and neck. Differential diagnosis General characteristics and classification of tumours. Diagnosis and treatment.	15	U01; U02; U05; W05; U12; U11;
TK11	Craniofacial pain syndromes. Diagnostics of pathological conditions within the temporomandibular joints. Differential diagnosis	10	U04, U13
TK12	Dental implantology. Pre-prosthetic procedures in the oral cavity.	10	W06

Booklist:			
Obligatory literature			
1. „Chirurgia szczękowo-twarzowa”. Leszek Kryst (red.), Warszawa 2007, wydanie V (dodruk 2011), Wydawnictwo Lekarskie PZWL			
2. „Chirurgia szczękowo-twarzowa”. B.S.Bartkowski, Coll. Medicum UJ, Kraków 1996			
3. „Nowotwory zębopochodne i guzy nowotworopodobne kości szczękowych”. Kaczmarzyk T., Stypułkowska J., Tomaszewska R., Czopek J., Warszawa 2009.			
4. „Podstawy chirurgii stomatologicznej”. Dominiak M., Wrocławska Drukarnia Naukowa PAN, Wrocław 2013			
5. „Radiologia stomatologiczna”. Różyło K., Kalinowska I., PZWL 2007			
6. „Współczesna farmakoterapia w schorzeniach chirurgii jamy ustnej i tkanek okolicznych”. Kaczmarzyk T., Goszcz A., Grodzińska L., Stypułkowska J., Woron J., Zaleska M., Wyd. UJ, Kraków 2006			
7. „Anatomia głowy dla stomatologów”. Łasiński W., PZWL- wszystkie wydania			
8. „Torbiele obszaru szczękowo-twarzowego”. Kaczmarzyk T., Stypułkowska J., Tomaszewska R., Wydawnictwo Kwintesencja, wydanie I, 2015 Warszawa.			
Supplementary literature			
1.„Chirurgia stomatologiczna i szczękowo-twarzowa”. Aut.: Larry Peterson, Edward Ellis, James Hupp, Myron Tucker. Wyd. Czelej.			
2.„Stany nagłe w stomatologii” Aut.: Małgorzata H.J. Sikorska-Jaroszyńska, Andrzej Jaroszyński, Krzysztof Brzeziński. Wyd. Czelej, Lublin 2001, wyd. 1			
3.”Implantologia” Aut.: B Koeck, W. Wagner, red. S.W. Majewski , Urban&Partner, Wrocław 2004.			
4.”Wybrane zagadnienia z onkologii głowy i szyi” Podręcznik dla lekarzy i studentów. Jan Zapala, Grażyna Wyszyńska-Pawelec			
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	20		
Time spent on preparation to seminars/ practical classes	20		
Time spent on reading recommended literature	20		
Time spent on writing report on Laboratory/practical classes/making project/paper etc.	-		
Time spent on preparing to colloquium/ entry test	20		
Time spent on preparing to exam	30		
Other			
Student’s workload in total	110		
ECTS credits for the module/subject	8		
Notes			

* Selected examples of methods of assessment:

EP – written examination

EU – oral examination SL – laboratory report`

ET – test examination

EPR – practical

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 – laboratory report

SP – case study

PS - assessment of student's ability to work independently

W – entry test

PM – multimedial presentation