Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT)

valid from the academic year 2017/2018

General Information

Module title	***Dental Surgery***
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	*Year V, semester IX and X*
ECTS credits (incl. semester breakdown)	*8 (4+4)*
Type/s of training	*seminars 10* *practical 115*
Form of assessment	*- graded assessment: ** □ *descriptive* □ *test* □ *practical* □ *oral* *X non-graded assessment ** *- final examination: ** □ *descriptive* *x* *test* *x* *practical* □ *oral*
Head of the Department/ Clinic, Unit	Dr hab. n. med. Grzegorz Trybek
Tutor responsible for the module	*Dr n. med. Olga Preuss* 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	English

***replace □ with X where applicable**

Detailed information

Module objectives		The aim of a dental surgery course is to learn informations, that are required to diagnose and therapeutic procedure during individual work in a dental office.
Prerequisite /essential requirements	Knowledge	Knowledge of anatomy in range of facial part of a skull, pathogenesis of inflammatory and cancerous diseases in range of oral cavity and face. Knowledge of basic medicines used in pharmacotherapy in range of oral cavity and face.
	Skills	Interpretation of additional laboratory tests , interpretation of basic X-ray pictures and radiology examination.
	Competences	Ability to establish contacts with patients, work in a team.

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	K – colloqium W – entry test PM – multimedial presentation PS - assessment of student's ability to work independently EPR – practical examination ET – test examination
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 rules of administering local anesthesia in area of stomathognatic system	K_F.W06	
W04	knows principles of conduct of periapical diseases	K_F.W08	
W05	knows principles of conduct of cyst, precancerous condition and neoplasm of head and neck	K_F.W10	
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 therapy and methods of preventing and controlling pain, stress and anxiety	K_F.W17	
W09	knows rules of anesthesia in dental procedures and basic pharmacological agents	K_F.W19	

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	interprets results of ancillary tests	K_F.U06	
U06	finds indications as to performance of certain 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 tooth-related and non-tooth-related inflammation of oral cavity soft tissue, paradontium and jaw bones	K_F.U10	
U10	knows procedures applicable to cases of general and local complications during and after dental treatment	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 recipient standards	K_F.U15	
U14	establishes treatment in diseases of stomatognathic system tissues	K_F.U18	
U15	uses certain drugs during and after dental procedure to relieve pain and stress	K_F.U19	
K01	shows respect to patient, social groups and cares for their goodwill and security	K_K05	

K02	understands need for keeping professional secrecy and showing respect to patients' rights	K_K09	

Final exam
1. Theoretical exam in form of a test of 100 questions
2. Practical exam including conducting of physical examination, propose conduct of laboratory tests, their interpretation, diagnose and propose treatment.

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				
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				

Module (subject) contents no.	Description of teaching programme	No. of hours	References to learning outcomes
	Seminars:		
TK01	Principles of procedures in pain and anxiety elimination before dental procedures. Anesthesia techniques.	4	W01
TK02	Salivary glands disorders, inflamatory diseases. Diagnosis and treatment strategies.	2	W02, U02
TK03	Orofacial pains. Diagnosis of pathological states of temporomandibular joint. Differential diagnosis.	2	W03, W09
TK04	Dental implants. Preprosthetic procedures in oral cavity.	2	W06, K01, U14
	Practical classes		
TK05	Principles of procedures in pain and anxiety elimination before dental procedures. Anesthesia techniques.	20	W09, W08
TK06	Techniques of teeth removal.	30	W04, W07, U06, U09
TK07	Dental procedures of patients with systemic diseases. Emergencies in dental office.	10	U10, U07, U05, U11
TK08	Salivary glands disorders, inflamatory diseases. Diagnosis and treatment strategies.	10	U12, U15, K02
TK09	Dentoalveolar injuries, mandible and maxilla fracture. Classification, diagnosis and treatment.	10	U08
TK10	Precancerous lesions of neck and facial part of skull. Differential diagnosis. General characteristics and neoplasm classification. Diagnosis and treatment.	15	U01, U02, U05, W05, U12, U11
TK11	Orofacial pains. Diagnosis of pathological states of temporomandibular joint. Differential diagnosis.	10	U04, U13
TK12	Dental implants. Preprosthetic procedures in oral cavity.	10	W06

Booklist

1. Contemporary Oral and Maxillofacial Surgery, Hupp, Ellis, Tucker; Mosby - 5th edition, 2008
2. Netter's Head and Neck Anatomy for Dentistry, Norton; Saunders - 1st edition, 2002
3. Gray's Anatomy for Students, Drake, Vogl, Mitchell; Churchill Livingstone - 2nd edition, 2009
4. Oral Anatomy, Histology and Embryology, Berkovitz, Holland, Moxham; Mosby - 4th edition, 2009
5. Woelfel's Dental Anatomy: Its Relevance to Dentistry, Scheid; Lippincott Williams & Wilkins - 7th edition, 2007

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	20		
Time spent on preparation to seminars/ practical classess	20		
Time spent on reading recommended literature	20		
Time spent on writing report/making project	-		
Time spent on preparing to colloqium/ entry test	20		
Time spent on preparing to exam	30		
Other …..	-		
Student's workload in total	110		
ECTS credits for the subject (in total)	8		
Remarks			

* Selected examples of methods of assessment:
EP – written examination
EU – oral examination
ET – test examination
EPR – practical examination
K – colloqium
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…