Annex to
the Ordinance No. 32/20170

Pomorski Uniwersytet Medyczny w Szczecinie

SYLLABUS of the MODULE (SUBJECT)
General information

Module title: **Dental prosthetics**	
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)	10 ECTS (semester TK - 5, semester - 5)
Type/s of training	Seminars -15h (sem. IX) Practical classes- 145 (sem. IX - 75h, sem. X - 70h)
Form of assessment	- final examination : x test x oral
Head of the Department/ Clinic, Unit	hab. Ewa Sobolewska prof. PUM
Persons conducting classes with indication of a tutor or person responsible for the module	Prof. dr hab. n.med. Ewa Sobolewska prof. PUM . dr n. med. Grażyna Aleksandruk dr n. med. Maria Andruczyk dr n. med. Małgorzata Chruściel-Nogalska dr n. med. Bartosz Dalewski Dr hab. n. med. Halina Ey-Chmielewska lek. stom. Grzegorz Gorzkowski dr n. med. Krystyna Grabikowska-Prowans dr n. med. Edward Kijak **dr n. med. Małgorzata Kozak** **malgorzata.kozak@pum.edu.pl** dr n. med. Janusz Kubrak lek. stom. Agnieszka Lapis dr n. med. Małgorzata Światłowska-Bajzert
Department's/Clinic's/Unit's website	https://www.pum.edu.pl/wydzialy/wydzial-lekarsko-stomatologiczny/Katedra-i-Zaklad-Protetyki-Stomatologicznej
Language	Polish/English

Detailed information

Module objectives		The objective of teaching prosthetics of dentistry is to master the knowledge of the characteristics of fixed and removable prostheses on the basis of material technology and laboratory procedures. As part of practical classes, the student performs individual laboratory phases of fixed and removable prosthetic work and participates in demonstrations of some laboratory phases (casting, canning, polymerization). The objective of the teaching is also to master theoretical knowledge and practical skills to the extent allowing independent determination of indications, planing and carrying out prosthetic treatment in simple cases of missing teeth with the use of removable partial dentures and fixed prostheses. Acquisition and consolidation of necessary theoretical knowledge, improvement of practical-manual skills.
Prerequisite /essential requirements	Knowledge	Basic knowledge of the structure and function of the stomatognathic system.
	Skills	Operation of the dental unit, knowledge of the principles of operation of devices which are on the equipment of clinical rooms, knowledge of the principles of operation of devices in technical laboratories.
	Competences	Self-education habit; teamwork.

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	continuous assessment in 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 causes and procedures for management with complications of stomatognathic system diseases.	K_F.W14	
W04	knows rehabilitation methods for stomatognathic system.	K_F.W16	
W05	knows the basic clinical procedures of dental hard tissue reconstruction and endodontic treatment as well as the methods and technical-laboratory procedures for fabricating prosthetic restorations	K_C.W28	

W06	knows mechanisms of degradation (corrosion) of dental biomaterials in oral cavity and their influence on biological K_C.W29 properties of materials	K_C.W29	continuous assessment in classes
U01	is able to interview patient or his/her family.	K_F.U01	
U02	is able to carry out physical examination of patient.	K_F.U02	
U03	is able to provide patient with explanation about nature of ailment, establish treatment confirmed by informed consent of the patient as well as establish prognosis.	K_F.U03	
U04	is able to impart unfavourable health information to the patient or his/her relatives	K_F.U04	
U05	is able to interpret results of laboratory tests.	K_F.U06	
U06	is able to find indications as to performance of certain dental procedure.	K_F.U07	
U07	Can prevent the occurrence of oral diseases.	K_F.U08	
U08	is able to manage general and local complications during and after dental procedures.	K_F.U11	
U09	is able to keep current patient records, refer patient to general and specialist dental and medical examination or treatment.	K_F.U13	
U10	is able to establish treatment for stomatognathic system tissues diseases.	K_F.U18	
U11	is able to perform prosthetic rehabilitation in simple cases in the field of clinical and laboratory proceduring.	K_F.U25	Final examination 1. Theoretical test in the form of a 100-question test
U12	Selects reconstructive, prosthetic and binding materials according to properties of materials and clinical conditions.	K_C.U11	continuous assessment in practical classes
U13	designs prosthetic restorations and knows how to execute them in laboratory.	K_C.U13	
K01	Demonstrates the habit of self-education.	K_K01	
K02	Cooperates with team members.	K_K03	

K03	Understands the sense of responsibility for the 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		X				
3.	K_F.W14		X		X				
4.	K_F.W016		X		X				
5.	K_F.U01		X		X				
6.	K_F.U02		X		X				
7.	K_F.U03		X		X				
8.	K_F.U04		X		X				
9.	K_F.U06		X		X				
10.	K_F.U07		X		X				
11.	K_F.U08		X		X				
12.	K_F.U09		X		X				
13.	K_.U011		X		X				
14.	K_F.U013		X		X				
15.	K_F.U014		X		X				
16.	K_F.U015		X		X				
17.	K_F.U18		X		X				
18.	K_C.U25		X		X				
19.	K_K01		X		X				
20.	K_K03		X		X				
21.	K_K07		X		X				

Learning content			
No. of learning content	**Description of learning content**	**Number of hours**	**References to learning outcomes for the module**
	Seminars:	15h	
TK..01	Toothlessness	3h	U11; U12; U13; K01; K02; K03;
TK..02	Skeletal dentures.	3h	U11, U12, U13, K01, K02, K03,
TK..03	Prosthetic procedures in patients with pathological tooth wear.	3h	U11; U12; U13; K01; K02; K03;
TK..04	Planning prosthetic treatment with fixed prostheses in terms of US prophylaxis.	3h	U11, K01, K02, K03
TK..05	Prosthetic rehabilitation with the use of endosseous implants.	3h	U11, K01, K02, K03
	Clinical classes classes with patients	145h	W01, W02, W03, W04, W05, W06, U01, U02, U03, U04, U05, U06, U07, U08, U09, U10, U11, U12, U13

Booklist:
Obligatory literature
1. Spiechowicz E. Protetyka stomatologiczna. PZWL, Warszawa 2013, wyd.6.
2. Majewski S. Współczesna protetyka stomatologiczna. Elsevier Urban & Partner, Wrocław 2014.
3. Majewski S, Pryliński M. Materiały i technologie współczesnej protetyki stomatologicznej, Wydawnictwo Czelej, Lublin 2013.
4. Mierzwińska-Nastalska E.(red). Diagnostyka układu ruchowego narządu żucia, Med. Tour Press International 2016.
Supplementary literature
1. Spiechowicz E. Współczesne postępowanie laboratoryjne w protetyce stomatologicznej.
2. Majewski S. Gnatofizjologia stomatologiczna.
3. Majewski S. Protetyka stałych uzupełnień zębowych
4. Shilinburg H. Protezy stałe – zarys postępowania klinicznego i laboratoryjnego.
5. Dejak B. Kompendium wykonywania uzupełnień protetycznych.

Student's workload (balance of ECTS scores)			
(in-class participation; activeness, produce a report, etc.)	**Student's workload [h]**		
	Tutor	**Student**	**Mean**
Contact hours with the tutor	160		
Time spent on preparation to seminars/ practical classes	30		
Time spent on reading recommended literature	10		
Time spent on writing report on Laboratory/practical classes/making project/paper etc.			
Time spent on preparing to colloqium/ entry test			
Time spent on preparing to exam	27		
Other …..			
Student's workload in total	227		
ECTS credits for the module/subject	1 0		
Notes			

* 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
SL – laboratory report
SP – case study
PS - assessment of student's ability to work independently
W – entry test
PM – multimedial presentation
other…