



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT) General Information

Module title:	Dental Prosthetics
Module type	Obligatory
Faculty PMU	Faculty of Medicine and Dentistry
Major	Dentistry
Level of study	long-cycle (S2J)
Mode of study	full-time studies
Year of studies, semester	4 year (VII semester and VIII semester)
ECTS credits (incl. semester breakdown)	8 (semester- VII-4, semestr VIII-4)
Type/s of training	lectures – 13 h (sem. VII – 7h , sem.VIII -6h) seminars - 15h (sem. VII – 8h, sem.VIII - 7h) classes - 140h (sem. VII - 70h, sem. VIII -70h)
Form of assessment	<input checked="" type="checkbox"/> graded assessment: <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral <input type="checkbox"/> non-graded assessment <input type="checkbox"/> final examination <input type="checkbox"/> descriptive <input type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral
Head of the Department/ Clinic, Unit	prof. dr hab. n. med. Ewa Sobolewska
Tutor responsible for the module	dr n. med. Małgorzata Kozak, malgorzata.kozak@pum.edu.pl

Detailed information

Module objectives		The aim of teaching is also to acquire theoretical knowledge and practical skills allowing for independent work and making decision about indications, planning and carrying out the prosthetic treatment in simple cases of missing teeth with the use of removable partial dentures and fixed restorations. Acquiring of the necessary theoretical knowledge, improvement of practical and manual skills.
Prerequisite /essential requirements	Knowledge	Knowledge of anatomy and physiology of head and neck tissues.
	Skills	Knowledge of the principles for using dental units and equipment being in the equipment of clinical rooms, knowledge of using the equipment in technical laboratories.
	Competences	The habit of self-education, teamwork

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)	Method of verification of learning outcomes*
U01	is able to interview patient or his/her family	F.U1.	K, PS
U02	is able to carry out dental examination of patient	F.U2	K, PS
U03	is able to formulate research problems in dentistry	F.U12	PS
U04	is able to perform prosthetic rehabilitation in simple cases in the field of clinical and laboratory procedures	F.U22	K, PS
K01	is ready to establish and maintain deep and respectful contact with the patient as well as to show understanding for ideological and cultural differences	K.1.	O

K02	is ready to be guided by the patient wellbeing	K.2.	O
K03	is ready to respect physician-patient privilege and patient's rights	K.3.	O
K04	is ready to take activities towards patient on the basis of ethical principles with awareness of social conditions and disease restrictions	K4.	O

Table presenting LEARNING OUTCOMES in relation to the form of classes

No. of learning outcome	Learning outcomes	Type of training						
		Lecture	Seminar	Practical classes	Clinical classes	Simulations	E-learning	Other ...
U01	F.U1.	X	X		X			
U02	F.U2.	X	X		X			
U03	F,U12.	X	X		X			
U04	F.U22.	X	X		X			
K01	K.1.	X	X		X			
K02	K.2.				X			
K03	K.3.				X			
K04	K.4.				X			

Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	No. of hours	References to learning outcomes
Winter semester			
Lectures - 7h			
TK01	Treatment after extensive surgery. Postoperative prostheses. Epithesis.	1h	U01,U02,U03,U04,K01,K02,
TK02	Dental ceramics. Crowns and veneers, inlays, onlays, overlays, dental bridges.	1h	U01,U02,U03,U04.K01,K02,
TK03	Dental bridges - biomechanics and treatment planning	1h	U01,U02,U03,U04.K01,K02,
TK04	Cementation procedure of fixed restoration	1h	U01,U02,U03,U.04,K01,K02,
TK05	Reconstruction of endodontically treated tooth – glass post procedures,	1h	U01,U02,U03,U04.,K01,K02,
TK06	Immediate and early dentures.	1h	U01,U02, U04
TK07	Dental stomatopathies	1h	U01,U04
Seminars - 8h			
TK01	Patient examination. Characteristics of a masticatory system. Prosthetic treatment planning	2h	U01, U03, U04
TK02	Primary and secondary dental materials.	2h	U03,U04
TK03	Removable partial dentures	1,5h	U01,U02,U03,U04,K02,K03
TK04	Complete dentures. Topography of the bearing area. Clinical and laboratory sages.	2,5h	U01,U02.U03,U04,K01,K02,K03
Practical classes – 70h			
TK09	Clinical classes with patients	70h	U01,U02,U03,U04,K01,K02,K03,K04

Summer semester			
Lectures – 6h			
TK01	Prosthetic treatment of patients with periodontitis	1h	U01,U02.U03,K01,K02,K03
TK02	Precise attachments in RPD treatment planning	1h	U01,U04.K01,K02,
TK03	Dental implants	1h	U01,U02.U04,K01,K02,
TK04	Prosthetic treatment of children and adolescents.	1h	U01,U02.U04,K01,K02,K03
TK05	Traumatic occlusion syndrome. VDO and severe tooth wear, splints, cover-dentures.	1h	U01,U04.K01,K02
TK06	Soft tissue retraction methods prior to impression taking.	1h	U04
Seminars – 7h			
TK01	Dental ceramics. Crowns and veneers, inlays, onlays, overlays. General rules of dental ceramics cementation. Most common failures and complications during prosthetic treatment.	2h	U01,U03,U04,K01,K02,K03
TK02	Dental Bridges	2h	U01,U03,U04,K01,K02,K03
TK03	Repairing a prosthetic restoration: - reasons and types of damage of fixed and removable prosthetic restorations - methods of repairing fixed and removable prosthetic restorations - indications and methods of relining the denture.	2h	U01,U03,U04,K01,K02,K03
TK04	Iatrogenic factors associated with early and late failure of dental restorations. Most common complications during prosthetic treatment	1h	U03,U04,K01,K02,K03
Practical classes			
TK01	Clinical classes with patients	70h	U01,U02,U03,U04.K01,K02,K03,K04

Booklist
Obligatory literature:
1. Rosenstiel SF, Land MF, Fujimoto J. "Contemporary Fixed Prosthodontics", 4th Edition, Mosby Elsevier, 2006
2. Powers J, Sakaguchi R. "Craig's Restorative Dental Materials" 12th Edition, Mosby Elsevier, 2006
3. Basker R, Davenport J. "Prosthetic Treatment of the Edentulous Patient" 4th Edition, Wiley-Blackwell, 2002
4. Carr AB, Brown "McCracken's removable partial prosthodontics" Mosby St.Louis, 2005
Supplementary literature:
1. Craig, John M. Powers, John C. Wataha, "Dental Materials, Properties and Manipulation", 9th edition, Mosby 2007
2. Shillingburg, Herbert T., Jr.: Fundamentals of Fixed Prosthodontics, 3rd edition Chicago: Quintessence Pub., c1997. ISBN: 086715201X
3. Zarb G.A., Bolender C.L., Eckert S., Jacob R., Mericske-Stern F, "Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported Prosthesis", 12th edition, Mosby Co.
4. Okeson J., "Management of Temporomandibular Disorders and Occlusion, Mosby Elsevier 2008

Standards of procedures required to obtain credit:
Post and core - 1 PFM crown – 2 Metal crown - 1 Temporary crown - 1 Bridge – 1 Partial denture – 1 Denture repair – 1 Complete denture -2 demonstration for the whole group

Student's workload	
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]
Contact hours with the tutor	168

Time spent on preparation to seminars/ practical classes	30
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	27
Student's workload in total	235
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 – 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...