



**SYLLABUS of the MODULE (SUBJECT)**  
**General Information**

<b>Module title: MODERN DENTAL THERAPIES</b>	
Module type	<u>Obligatory</u> /Facultative
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	year 4, semester VII
ECTS credits (incl. semester breakdown)	2
Type/s of training	lectures (1h and 3 e-learning) /seminars (10 h)/ practical (32 h)
Form of assessment*	<input checked="" type="checkbox"/> graded assessment: <ul style="list-style-type: none"> <li><input type="checkbox"/> descriptive</li> <li><input checked="" type="checkbox"/> test</li> <li><input type="checkbox"/> practical</li> <li><input type="checkbox"/> oral</li> </ul> <input type="checkbox"/> non-graded assessment <ul style="list-style-type: none"> <li><input type="checkbox"/> final examination <ul style="list-style-type: none"> <li><input type="checkbox"/> descriptive</li> <li><input type="checkbox"/> test</li> <li><input type="checkbox"/> practical</li> <li><input type="checkbox"/> oral</li> </ul> </li> </ul>
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Department's/ Clinic's/ Unit's website	<a href="#">link</a>
Language	English

\* replace  into  where applicable

### Detailed information

<b>Module objectives</b>		The aim of the course is to familiarize students with modern techniques and prepare them to perform modern procedures in clinical classes
Prerequisite /essential requirements	Knowledge	Knowledge of modern techniques in various dental specialties
	Skills	Performing selected dental procedures in accordance with the principles of ergonomics.
	Competences	Habit of self-education; co-operate with team members.

#### 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*
W01	knows and understands symptoms, course and treatment methods of specified diseases of oral cavity, head and neck with regard to age groups	F.W4.	seminary (oral answer), practical classes (oral answer, test)
W02	knows and understands principles of management in the case of pulp diseases and mineralized dental tissues as well as teeth and facial bones trauma	F.W5.	seminary (oral answer), practical classes (oral answer, test)
W03	knows and understands pulp cavities morphology as well as rules of endodontic treatment and used instruments	F.W7.	seminary (oral answer), practical classes (oral answer, test)
W04	knows and understands diagnostics and treatment of periodontal and oral mucosa diseases	F.W9.	seminary (oral answer), practical classes (oral answer, test)
W05	knows and understands indications and contraindications to implant treatment	F.W10.	seminary (oral answer), practical classes (oral answer, test)
W06	knows and understands indications and contraindications to esthetic procedures	F.W11.	seminary (oral answer), practical classes (oral answer, test)
W07	knows and understands causes of complications of stomatognathic system diseases and the rules of their management	F.W12.	seminary (oral answer), practical classes (oral answer, test)
W08	knows and understands principles of construction and operation of removable and fixed orthodontic appliances	F.W17.	seminary (oral answer), practical classes (oral answer, test)
U01	is able to determine indications and contraindications to a specified dental procedure	F.U7.	seminary (oral answer), practical classes (oral answer, test)

U02	is able to treat tooth-derived and non-tooth-derived acute and chronic inflammation of soft tissue, periodontium and jaw bones	F.U8.	seminary (oral answer), practical classes (oral answer, test)
U03	is able to establish treatment for stomatognathic system tissues diseases	F.U15.	seminary (oral answer), practical classes (oral answer, test)
U04	is able to diagnoses and perform basic treatment of periodontal diseases	F.U17.	seminary (oral answer), practical classes (oral answer, test)
U05	can help in the orthodontic appliance damage	F.U19.	seminary (oral answer), practical classes (oral answer, test)
U06	is able to perform prosthetic rehabilitation in simple cases in the field of clinical and laboratory proceduring	F.U22.	seminary (oral answer), practical classes (oral answer, test)
K01	is ready to notice and recognize own limitations, make self-assessment of educational deficits and needs	K.5.	practical classes
K02	is ready to draw conclusions from own measurements or observations	K.8.	practical classes

**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...
W01	knows and understands symptoms, course and treatment methods of specified diseases of oral cavity, head and neck with regard to age groups		X					
W02	knows and understands principles of management in the case of pulp diseases and mineralized dental tissues as well as teeth and facial bones trauma	X						
W03	knows and understands pulp cavities morphology as well as rules of endodontic treatment and used instruments		X			X		
W04	knows and understands diagnostics and treatment of periodontal and oral mucosa diseases		X			X		
W05	knows and understands indications and contraindications to implant treatment		X			X		
W06	knows and understands indications and contraindications to esthetic procedures	X	X			X		
W07	knows and understands causes of complications of stomatognathic system diseases and the rules of their management		X					

W08	knows and understands principles of construction and operation of removable and fixed orthodontic appliances		X				
U01	is able to determine indications and contraindications to a specified dental procedure					X	
U02	is able to treat tooth-derived and non-tooth-derived acute and chronic inflammation of soft tissue, periodontium and jaw bones					X	
U03	is able to establish treatment for stomatognathic system tissues diseases					X	
U04	is able to diagnoses and perform basic treatment of periodontal diseases					X	
U05	can help in the orthodontic appliance damage						
U06	is able to perform prosthetic rehabilitation in simple cases in the field of clinical and laboratory						
K01	is ready to notice and recognize own limitations, make self-assessment of educational deficits and					X	
K02	is ready to draw conclusions from own measurements or observations					X	

<b>Table presenting TEACHING PROGRAMME</b>			
<b>No. of a teaching programme</b>	<b>Teaching programme</b>	<b>No. of hours</b>	<b>References to learning outcomes</b>
<b>Winter semester</b>			
<b>Lectures</b>			
TK01	Introduction to the subject	1	W06
TK02	Modern techniques of tissue reconstruction. Part 1	1 (e-learning)	W02,W06
TK03	Modern techniques of tissue reconstruction. Part 2	1 (e-learning)	W02,W06
TK04	Modern techniques of tissue reconstruction. Part 3	1 (e-learning)	W02,W06
<b>Seminars</b>			
TK01	Root canal preparation with rotary instruments. Part 1.	1	W03
TK02	Root canal preparation with rotary instruments. Part 2	1	W03
TK03	Modern techniques of tooth crown reconstruction. Part 1	1	W05
TK04	Modern techniques of tooth crown reconstruction. Part 2	1	W05
TK05	Stitching techniques in periodontics	1	W01, W04
TK06	Modern methods of plaque control	1	W01,W04
TK07	Implant-prosthetic treatment	1	W01,W05, W07
TK08	Digitization in dentistry, part 1	1	W06, W08
TK09	Digitization in dentistry, part 2	1	W06
TK10	Lasers in periodontics	1	W04
<b>Simulation</b>			
TK01	Root canal preparation with rotary instruments	3	W03 U01, U03

			K01, K02
TK02	Magnification in dentistry	3	W03 U01, U03 K01, K02
TK03	Modern techniques of tooth crown reconstruction	10	W05, W06 U01, U03 K01, K02
TK04	Stitching techniques in periodontics	2	W04 U01, U02, U03, U04 K01, K02
TK05	Modern methods of plaque control	2	U01, U03 K01, K02
TK06	Implant-prosthetic treatment	2	W04 U01, U03 K01, K02
TK07	Digitization in dentistry	2	W05 U01, U03, U05, U06 K01, K02
TK08	Lasers in periodontics	2	U01, U03 K01, K02
TK09	Abrasive techniques	3	W03, W04, W05, W06 U01, U03 K01, K02
TK10	Practical and theoretical test	3	W03, W04, W05, W06 U01, U03 K01, K02

Booklist
Obligatory literature:
1.
2.
Supplementary literature:
1.
2.

Student's workload	
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]
	Tutor
Contact hours with the tutor	46
Time spent on preparation to seminars/ practical classes	20
Time spent on reading recommended literature	20
Time spent on writing report/making project	-
Time spent on preparing to colloquium/ entry test	4
Time spent on preparing to exam	
Other .....	

<b>Student's workload in total</b>	<b>90</b>
<b>ECTS credits for the subject (in total)</b>	<b>2</b>
<b>Remarks</b>	

\* Selected examples of methods of assessment:

EP – written examination

EU – oral examination

ET – test examination

EPR – practical examination

K – colloquim

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 – multimedia presentation

other...