



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

<b>Module title: Latest trends in esthetic dentistry</b>	
Module type	Facultative
Faculty PMU	Faculty of Dentistry
Major	Dentistry
Level of study	long-cycle (S2J)
Mode of study	full-time studies
Year of studies, semester	Year 4, semester VIII
ECTS credits (incl. semester breakdown)	2
Type/s of training	lectures (10 h) /seminars (6 h)/ practical (9 h)
Form of assessment*	<input checked="" type="checkbox"/> graded assessment: <input type="checkbox"/> descriptive <input type="checkbox"/> test <input checked="" 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. Katarzyna Grocholewicz
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Language	English

\* replace  into  where applicable

### Detailed information

<b>Module objectives</b>		Familiarizing students of the medical and dental faculty with the principles of comprehensive aesthetic treatment and the use of modern materials and working methods.
Prerequisite /essential requirements	Knowledge	Knowledge of the anatomy and physiology of the face and oral cavity, including teeth and mucosa; knowledge of materials and methods used in reconstructive dentistry
	Skills	Ability to conduct a dental examination of a patient, ability to work with composite materials
	Competences	The habit of self-education, a sense of the need for lifelong learning

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 the principles of preventive and therapeutic management in the masticatory system diseases at various stages of development;	F.W2.	S
W02	knows and understands diagnostics and treatment of periodontal and oral mucosa diseases	F.W9.	S
W03	knows and understands indications and contraindications to esthetic procedures	F.W11.	S
W04	knows and understands rehabilitation methods for stomatognathic system	F.W14.	S
W05	knows and understands principles of construction and operation of removable and fixed orthodontic appliances	F.W17.	S
W06	knows and understands principles of management of masticatory system tissues diseases, teeth and jaw bone trauma	F.W22.	S
U01	is able to interview patient or his/her family	F.U1.	S
U02	is able to carry out dental examination of patient	F.U2.	S
U03	is able to determine indications and contraindications to a specified dental procedure	F.U7.	S
U04	is able to keep current patient records, refer patient to general and specialist dental and medical examination or treatment	F.U11.	S
U05	is able to present selected medical problems in oral or written form relevantly to recipient standards	F.U13.	S
U06	is able to establish treatment for stomatognathic system tissues diseases	F.U15.	S

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	S
K02	is ready to be guided by the patient wellbeing	K.2	S
K03	is ready to respect physician-patient privilege and patient's rights	K.3	S

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 the principles of preventive and therapeutic management in the masticatory system diseases at various stages of development;	X						
W02	knows and understands diagnostics and treatment of periodontal and oral mucosa diseases	X						
W03	knows and understands indications and contraindications to esthetic procedures	X	X					
W04	knows and understands rehabilitation methods for stomatognathic system	X	X					
W05	knows and understands principles of construction and operation of removable and fixed orthodontic	X						
W06	knows and understands principles of management of masticatory system tissues diseases, teeth and	X						
U01	is able to interview patient or his/her family		X	X				
U02	is able to carry out dental examination of patient		X	X				
U03	is able to determine indications and contraindications to a specified dental procedure		X	X				
U04	is able to keep current patient records, refer patient to general and specialist dental and medical examination or treatment		X	X				
U05	is able to present selected medical problems in oral or written form relevantly to recipient standards		X	X				
U06	is able to establish treatment for stomatognathic system tissues diseases		X	X				
K01	is ready to establish and maintain deep and respectful contact with the patient as well as to show understanding for ideological and cultural		X	X				

K02	is ready to be guided by the patient wellbeing		X	X				
K03	is ready to respect physician-patient privilege and patient's rights		X	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>Summer semester</b>			
<b>Lectures</b>			
TK01	Patient examination. Aesthetic analysis: aesthetic assessment, concepts of macro-, micro-, and mini-aesthetics, analysis of the face, smile and teeth, photographic analysis.	2	W01, W03, W04
TK02	Photography in aesthetic dentistry. Patient consent and other legal and medical aspects, basic clinical photography techniques, photographic accessories, general principles of photographing, and types of photographs needed for aesthetic analysis. Preparing a case presentation.	2	W01, W03
TK03	Red and white aesthetics: the influence of periodontal factors on smile aesthetics, clinical assessment of periodontal tissues, clinical crown lengthening, gingival recession, treatment methods: connective tissue grafts, options for correcting gingival papillae, and "black triangles."	2	W01, W02, W03,
TK04	The role of the orthodontist in comprehensive dental treatment. A comparison of fixed and overlay braces, the advantages and disadvantages of overlay braces, digital orthodontic treatment design, and scanners - a scanning demonstration.	2	W01, W05,
TK05	Aesthetic direct reconstructions: composite veneers, free-hand anterior tooth reconstruction and with the use of a silicone index, injection technique, bonding, aesthetic treatment after tooth trauma.	2	W01, W04, W06,
<b>Seminars</b>			
TK01	Treatment planning: based on clinical aesthetic analysis, photographs, diagnostic models, wax-up and mock-up.	3	W03, U01, U02, U03, U04, U05
TK02	Estetyczne odbudowy pośrednie. Zasady preparacji zębów, rodzaje wycisków.	3	W04, W06, U06
<b>Practical classes</b>			
TK01	Aesthetic assessment of the face. Dental photography, extra- and intraoral photographs, photographs of small objects, scanning.	3	U01, U02, U04, K01, K3
TK02	Direct tooth reconstruction using a silicone index and injection technique.	3	U03, U06, K02
TK03	Tooth preparation for intracoronal restorations (veneer, inlay/onlay, endocrown).	3	U03, U06, K02

<b>Booklist</b>
Obligatory literature:
1. Practical Procedures in Aesthetic Dentistry. S. Banerj, S. Mehta, C. Ho. Wiley-Blackwell 2017
2. Smile design integrating esthetics and function essentials in esthetic dentistry. B. Millar, J. Levine. Mosby 2015.
3. Esthetics and biomechanics in orthodontics. R. Nanda. Saunders 2014

<b>Student's workload</b>	
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]
	Tutor
Contact hours with the tutor	25
Time spent on preparation to seminars/ practical classes	5
Time spent on reading recommended literature	5
Time spent on writing report/making project	
Time spent on preparing to colloquium/ entry test	
Time spent on preparing to exam	5
Other .....	
Student's workload in total	40
<b>ECTS credits for the subject (in total)</b>	1
<b>Remarks</b>	

\* 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 – multimedia presentation

other...