



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT) General Information

Module title: MUCOUS MEMBRANE DISEASES	
Module type	Obligatory
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 ECTS
Type/s of training	lectures (10h) /seminars (5h)/ practical (25h)
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	dr hab. n. med. Monika Machoy-Rakoczy
Tutor responsible for the module	dr hab. n. med. Małgorzata Mazurek-Mochol, prof. PUM e-mail: malgorzata.mazurek.mochol@pum.edu.pl
Department / Clinic / Unit website	Department of Periodontology e-mail: zperio@pum.edu.pl https://www.pum.edu.pl/studenci/informacje_z_jednostek/ws/zaklad_periodontologii/
Language	English

* replace into where applicable.

Detailed information

Module objectives		<p>The main aim of Mucosal Diseases is:</p> <ul style="list-style-type: none"> to familiarize students with the symptomatology, diagnosis, and treatment of diseases of oral mucosa, learning of practical cooperation with patients with diseases of oral mucosa, integrating the knowledge of general medical disciplines and their influence on the condition of mucous membranes.
Prerequisite /essential requirements	Knowledge	A knowledge of the anatomy and physiology of the oral mucosa, the correct assessment of mucosal efflorescences, the differentiation of diseases of the oral mucosa with other general diseases, the algorithm of treatment in individual clinical units of mucosal diseases, planning of mucosal diseases treatment.
	Skills	An ability to perform proper medical and physical examination, selection of appropriate laboratory and diagnostic tests, proper analysis of test results and selection of a method of treating mucosal diseases.
	Competences	A habit of self-education, teamwork, use of all available sources of medical knowledge, observance of professional secrecy, awareness of a need for cooperation between a dentist and doctors of other specialties, cooperation in a team of patient-doctor-dental assistant.

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.	Continuous evaluation during exercises (entrance test)
W02	knows and understands symptoms, course, and treatment methods of specified diseases of oral cavity, head and neck with regard to age groups	F.W4.	Continuous evaluation during exercises (entrance test) and during the semester assessment
W03	knows and understands diagnostics and treatment of periodontal and oral mucosa diseases	F.W9.	Continuous evaluation during exercises (entrance test) and during the semester assessment
W04	knows and understands causes of complications of stomatognathic system diseases and the rules of their management	F.W12.	Continuous evaluation during exercises (entrance test) and during the

			semester assessment
W05	knows and understands rehabilitation methods for stomatognathic system	F.W14.	Continuous evaluation during clinical classes
W06	knows and understands rules of radiological diagnostics	F.W18.	Continuous evaluation during clinical classes and during assessments
W07	knows and understands pathomechanism of oral cavity diseases' influence on general health state	F.W19.	Continuous evaluation during clinical classes
W08	knows and understands pathomechanism of systemic diseases and their therapy influence on oral cavity	F.W20.	Continuous evaluation during clinical classes Practical skills testing
W09	knows and understands prophylaxis of oral cavity diseases	F.W21.	Continuous evaluation during clinical classes
W10	knows and understands principles of management of masticatory system tissues diseases, teeth and jaw bone trauma	F.W22.	Continuous evaluation during clinical classes
W11	knows and understands the nature of dental care for a patient with a general disease as well as the principles of cooperation with a consultant physician	F.W23.	Continuous evaluation during clinical classes Practical skills testing
U01	is able to interview patient or his/her family	F.U1.	Continuous evaluation during clinical classes
U02	is able to carry out dental examination of patient	F.U2.	Continuous evaluation during clinical classes Practical skills testing
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	F.U3.	Continuous evaluation during clinical classes Practical skills testing
U04	is able to provide patient or his/her family with the information about unfavourable prognosis	F.U4.	Continuous evaluation during exercises (entrance test) and during the semester assessment
U05	is able to sample and protect material for diagnostic tests, including cytology	F.U5.	Continuous evaluation during clinical classes Practical skills testing and checking during semester assessment

U06	is able to interpret results of auxiliary diagnostics and consultations	F.U6.	Continuous evaluation during clinical classes Practical skills testing
U07	is able to determine indications and contraindications to a specified dental procedure	F.U7.	Continuous evaluation during clinical classes Practical skills testing
U08	is able to treat tooth-derived and non-tooth-derived acute and chronic inflammation of soft tissue, periodontium and jaw bones	F.U8.	Continuous evaluation during clinical classes Practical skills testing
U09	is able to manage general and local complications during and after dental procedures	F.U9.	Continuous evaluation during clinical classes Practical skills testing
U10	is able to prescribe medicines taking into account their interactions and side effects	F.U10.	Continuous evaluation during clinical classes Practical skills testing
U11	is able to keep current patient records, refer patient to general and specialist dental and medical examination or treatment	F.U11.	Continuous evaluation during clinical classes Practical skills testing
U12	is able to formulate research problems in dentistry	F.U12.	Continuous evaluation during clinical classes
U13	is able to present selected medical problems in oral or written form relevantly to recipient standards	F.U13.	Continuous evaluation during clinical classes
U14	is able to assess risk of caries applying microbiological and salivary tests	F.U14.	Continuous evaluation during clinical classes Practical skills testing and checking during semester assessment
U15	is able to establish treatment for stomatognathic system tissues diseases	F.U15.	Continuous evaluation during clinical classes
U16	is able to use adequate anxiety and pain relieving agents during and after dental procedure	F.U16.	Continuous evaluation during clinical classes
U17	is able to diagnoses and perform basic treatment of periodontal diseases	F.U17.	Continuous evaluation during clinical classes
K01	is ready to establish and maintain deep and respectful contact with the patient as well as to show	K.1.	Continuous evaluation during clinical classes

	understanding for ideological and cultural differences		
K02	is ready to be guided by the patient wellbeing	K.2.	Continuous evaluation during clinical classes
K03	is ready to respect physician-patient privilege and patient's rights	K.3.	Continuous evaluation during clinical classes
K04	is ready to take activities towards patient on the basis of ethical principles with awareness of social conditions and disease restrictions	K.4.	Continuous evaluation during clinical classes
K05	is ready to notice and recognize own limitations, make self-assessment of educational deficits and needs	K.5.	Continuous evaluation during clinical classes
K06	is ready to propagate health-promoting behaviour	K.6.	Continuous evaluation during clinical classes
K07	is ready to use reliable sources of information	K.7.	Continuous evaluation during clinical classes
K08	is ready to draw conclusions from own measurements or observations	K.8.	Continuous evaluation during clinical classes
K09	is ready to implement the principles of professional fellowship and cooperation in a team of specialists, including representatives of other medical professions, also in a multicultural and multinational environment	K.9.	Continuous evaluation during clinical classes
K10	is ready to formulate opinions on various aspects of professional activity	K.10.	Continuous evaluation during clinical classes
K11	is ready to assume responsibility related to decisions taken as a part of professional activity, also in terms of own safety and the safety of others	K.11.	Continuous evaluation during clinical classes

Table presenting LEARNING OUTCOMES in relation to the form of classes

No. of learning outcome	Learning outcomes	Type of training						
		Lecture	Seminar	Practical	Clinical classes	Simulations	E-learning	Other...
1.	F.W2.	X		X	X			
2.	F.W4.	X			X			
3.	F.W9.	X		X	X			
4.	F.W12.	X			X			
5.	F.W14.		X		X			
6.	F.W18.				X			
7.	F.W19.				X			
8.	F.W20.				X			

9.	F.W21.				X			
10.	F.W22.				X			
11.	F.W23.				X			
12.	F.U1.			X	X			
13.	F.U2.		X	X				
14.	F.U3.				X			
15.	F.U4.				X			
16.	F.U5.				X			
17.	F.U6.			X	X			
18.	F.U7.				X			
19.	F.U8.				X			
20.	F.U9.		X		X			
21.	F.U10.		X	X	X			
22.	F.U11.				X			
23.	F.U12.				X			
24.	F.U13.				X			
25.	F.U14.				X			
26.	F.U15.				X			
27.	F.U16.				X			
28.	F.U17.				X			
29.	K.1.				X			
30.	K.2.				X			
31.	K.3.				X			
32.	K.4.				X			
33.	K.5.				X			
34.	K.6.				X			
35.	K.7.				X			
36.	K.8.	X			X			
37.	K.9.				X			
38.	K.10.				X			
39.	K.11.				X			
40.	F.W2.				X			

Table presenting TEACHING PROGRAMME

No. of a teaching programme	Teaching programme	No. of hours	References to learning outcomes
Summer semester			
Lectures – 10h			
TK 01	Anatomy and physiology of the oral mucosa.	1	W01, W02,
TK 02	Oral diseases associated with hyperkeratosis	1	W01, W07, W10, U1 U2, U3, U16
TK 03	Vesiculobullous diseases.	1	W02, W03, W04, W07, W10, U1-U16,
TK 04	Denture stomatitis, oral candidiasis. Atrophic stomatitis, Burning Mouth Syndrome.	1	W05, W10, U1-U16

TK 05	Oral cancer prevention	1	W02, W03, W04, W09, W10, U1-U16
TK06	Mucositis in radiotherapy and chemotherapy-treatment methods.	1	W06, W08, W09, W10, W11, U1-U16
TK07	Collagenoses.	1	W06, W07, W08, W10, W11 U1-U14
TK08	Herpesvirus infections	1	W06, W07, W08, U1-U16
TK 09	Allergies and immunological diseases.	1	W10, W11 W07, W08, W10, W1, U1-U16
TK 10	Soft tissue tumours.	1	W08, W11, U1-U16
Seminars 5h			
TK01	Anatomy and physiology of the oral mucosa. Oral mouth examination. Primary and secondary efflorescences. Lip and tongue developmental abnormalities. Aphthous stomatitis.	1	W01
TK02	Herpesvirus infections. Vesiculobullous diseases.	1	W06, W08, W11
TK03	White lesions associated with hyperkeratosis. Oral cancer prevention.	1	W06, W08, W11
TK 04	Mucositis in radiotherapy and chemotherapy-treatment methods. Atrophic stomatitis, Burning Mouth Syndrome.	1	W06, W08, W11
TK 05	Denture stomatitis. Oral candidiasis. Oral manifestations of blood disorders, renal failure, diabetes mellitus and other systemic diseases.	1	W06, W08, W11
Practical classes – 25h			
TK01	Admission of patients, examination of the oral mucosa. Assessment of the results of additional tests. Preparation of an interdisciplinary treatment plan. Performance of professional medical treatments.	25	U01-17, K01-K11

Booklist**Obligatory literature**

1. Color Atlas of Oral and Maxillofacial Diseases. Brad W. Neville et al. Copyright 2019 by Elsevier Inc.

Supplementary literature

1. Color atlas of common oral diseases. Robert P. Langlais, Craig S. Miller , Jill S. Nield-Gehrig, 5th ed. Philadelphia: Wolters Kluwer, cop. 2017.
2. Crispian Scully Oral and Maxillofacial Medicine. The Basis of Diagnosis and Treatment. 2th ed. Churchill Livingstone 2008.

Procedure standards required to pass the year:			
1	Patient examination extra- and intraoral	1 pt	
2	Assessment of API, BOP, FMPI indicators	1 pt	
3	Hygiene instruction with brushing training	2 pts	
4	Supragingival and subgingival scaling (minimum 4)	3 pts	
5	Root planing (minimum 2)	3 pts	
6	Sandblasting (minimum 3)	3 pts	
7	Filling of the Periochart (minimum 4)	2 pts	
8	Analysis of X-ray images	2 pts	
9	Periotest examinations	1 pt	
10	Additional examinations	- sialometry	1 pt
		- examination of electropotentials in the oral cavity	1 kt
11	Examination of a patient with the oral mucosa disease	1 pt	

Minimum 60 points must be obtained for performing procedures during the semester.

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	40
Time spent on preparation to seminars/ practical classess	10
Time spent on reading recommended literature	5
Time spent on writing report/making project	
Time spent on preparing to colloquium/ entry test	10
Time spent on preparing to exam	
Other	
Student's workload in total	65
ECTS credits for the subject (in total)	2
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...