



Periodontology And Oral Mucosa Diseases

1. IMPRINT

Academic Year	2025/2026
Department	Faculty of Medicine and Dentistry
Field of study	English Dentistry Division
Main scientific discipline	Medical sciences
Study Profile	General academic
Level of studies	Uniform MSc
Form of studies	Full-time program
Type of module / course	Obligatory
Form of verification of learning outcomes	Completion
Educational Unit / Educational Units	Department of Periodontology and Oral Diseases, University Center of Dentistry, Binieckiego 6, 02-097 Warsaw, phone.: +48 22 116 64 31 e-mail: sluzowki@wum.edu.pl
Head of Educational Unit / Heads of Educational Units	Head of the Unit: dr hab.n.med. Bartłomiej Górski
Course coordinator	Dr hab.n.med. Jan Kowalski, e-mail: jkowalski@wum.edu.pl
Person responsible for syllabus	Dr hab.n.med. Jan Kowalski, e-mail: jkowalski@wum.edu.pl
Teachers	Dr n.med. Andrzej Miskiewicz, e-mail: andrzej.miskiewicz@wum.edu.pl Lek. dent. Emilia Milczarek, e-mail: emilia.milczarek@wum.edu.pl Lek. dent. Weronika Miazga-Rychlik, e-mail: weronika.miazga-rychlik@wum.edu.pl

2. BASIC INFORMATION

Year and semester of studies	2 nd year, 3 rd and 4 th semester	Number of ECTS credits	2.50
-------------------------------------	--	-------------------------------	------

FORMS OF CLASSES	Number of hours	ECTS credits calculation
Contacting hours with academic teacher		
Lecture (L)	5	0.2
Seminar (S)	10	0.3
Discussions (D)		
e-learning (e-L)		
Discussions (D))	15	0.5
Work placement (WP)		
Unassisted student's work		
Preparation for classes and completions	30	1,5

3. COURSE OBJECTIVES	
O1	Gaining knowledge about the etiopathogenesis of periodontal diseases
O2	Gaining knowledge about the prophylaxis of periodontal diseases
O3	Gaining knowledge about the basics of the classification of periodontal diseases

4. STANDARDS OF LEARNING – DETAILED DESCRIPTION OF EFFECTS OF LEARNING	
Code and number of the effect of learning in accordance with standards of learning	Effects in the field of:
Knowledge – Graduate* knows and understands:	
C.W6.	external and internal risks of diseases, both modifiable and non-modifiable
C.W39.	basic clinical procedures of periodontal treatment and prevention
F.W2	principles of prophylaxis for diseases of the masticatory organ, including oncological prophylaxis
F.W3	the role of the oral microbiome

F.W4.	symptoms, course, and management of specific diseases of the oral cavity, head and neck, taking into consideration various age groups
F.W12.	diagnosis and treatment of periodontal and peri-implant diseases and diseases of the oral mucosa and salivary glands

Skills– Graduate* is able to:

C.U17.	perform basic periodontal procedures in a dental simulation setting
C.U20.	plan and carry out periodontal prevention activities
F.U6.	perform a dental physical examination of the patient

* In appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019 „graduate”, not student is mentioned.

5. ADDITIONAL EFFECTS OF LEARNING (non-compulsory)

Number of effect of learning	Effects in the fields of:
------------------------------	---------------------------

6. CLASSES

Form of class	Class contents	Effects of Learning
Lectures	L1 – Lecture 1 – Dental plaque (biofilm) – mechanisms of creation, microbial spectrum and mechanism of action. Physiological and pathological microflora. Bacterial complexes. Mechanisms of biofilm colonization. Supragingival and subgingival biofilm. Direct and indirect mechanism of bacterial action	C.W6., F.W3.
	L2 – Lecture 2 – Systemic and local periodontal risk factors. Factors facilitating biofilm accumulation. Indicators. Risk factors. Retention factors. Factors facilitating hyposalivation.	C.W6., F.W3., F.W12.
	L3 – Lecture 3 – Indications and contraindications for scaling	C.W39., F.W2.
Seminars	S1 – Seminar 1 – Prevention of periodontal disease. Primary, secondary, and tertiary prevention. Oral hygiene instructions. Patient motivation. Methods of staining dental deposits. Oral hygiene indicators.	C.W6., C.W39., F.W2, F.W3
	S2 – Seminar 2 – Home prevention. Mechanical methods of fighting dental plaque. Methods of brushing teeth. Presentation of methods. Methods of cleaning interdental spaces. Additional oral hygiene tools. Presentation of tools.	C.W6., C.W39., F.W2., F.W3
	S3 – Seminar 3 – Chemical methods of eliminating dental plaque. Antiseptic agents.	C.W39., F.W2., F.W3., F.W4, F.W12

	Antibacterial agents used in mouthwashes and toothpastes. S4 – Seminar 4 – Professional prevention. Professional removal of dental deposits. Manual and mechanical scaling. Rules for scaling. Differences between manual and mechanical scaling. S5– Seminar 5 - Instruments and techniques for manual and mechanical removal of dental deposits. Polishing tooth surfaces and smoothing root surfaces. Presentation of instruments. S6 – Seminar 6 - Subjective and objective examination of the patient. Dental examination taking into account hygiene and inflammation indicators. Rules for examining patients. Phases of the examination. Rules for dental examinations. Clinical parameters of periodontal status used in periodontology. Assessment of clinical parameters of periodontal tissue status and recording them in the patient's chart: pocket depth, loss of connective tissue attachment, degree of furcation involvement, degree of tooth mobility. Presentation of patient's chart. Rules of chart recording. S7 – Seminar 7 – Repetition of knowledge. Presentation of individualized oral hygiene instructions. Completion.	C.W39., F.W4., FW12. C.W39., F.W4., FW12. C.W39., F.W4., FW12. C.W6.,C.W39., F.W2., F.W3., F.W4, F.W12.
Discussions	D1 – Discussions 1 – Subjective and objective examination of patients (each other). Plaque staining, plaque index calculation. Proper oral hygiene instruction. D2 – Discussions 2 – Assessment of clinical parameters of periodontal tissue condition and recording them in a chart. Examination of each other. D3 – Discussions 3 – Demonstration of manual and mechanical scaling tools. D4 – Discussions 4 – Mechanical scaling – work in simulated conditions. D5 – Discussions 5 – Mechanical scaling – work in simulated conditions cont. Passing the exercises.	F.U6.,C.U20. F.U6.,C.U20. F.U6.,C.U20. C.U17. C.U17.

7. LITERATURE

Obligatory

"Periodontology. The essentials". HP Mueller, Thieme Verlag 2005

Supplementary

8. VERIFYING THE EFFECT OF LEARNING

Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion														
C.W6.,C.W39., F.W2., F.W3., F.W4, F.W12., C.U17., C.U20.,F.U6.	Attendance, theoretical preparation, and active participation in seminars, as well as passing quizzes. Quizzes cover the topics of seminars conducted and the current topic and take place at the beginning of each seminar. Open-ended questions or single-choice tests. Passing a presentation on individualized hygiene instruction. Group (2-person) multimedia presentation of individualized hygiene instruction for a given case. Components of the presentation: 1. Proposed brushing technique 2. Proposed brushing tools 3. Proposed tools for cleaning interdental spaces and other additional tools. 4. Proposed toothpaste and mouthwash with justification for the choice.	Active participation in seminars. Pass mark for tests: 60%. If a student fails to achieve the pass mark, they will be required to take an oral exam covering all the material presented in the seminars. The oral exam is treated as a second attempt at passing the course. The Head of the Department decides on the date of the examination committee, also in the form of an oral exam. The assessment covers the content, presentation, and discussion skills. 20 points – entire presentation (5 points for each component of the presentation) <table><tr><td>Grade</td><td>Criterion</td></tr><tr><td>2.0 (unsatisfactory)</td><td><12 points</td></tr><tr><td>3.0 (satisfactory)</td><td>12-13 points</td></tr><tr><td>3.5 (good)</td><td>14-15 points</td></tr><tr><td>4.0 (very good)</td><td>16-17 points</td></tr><tr><td>4.5 (very good)</td><td>18-19 points</td></tr><tr><td>5.0 (excellent)</td><td>20 points</td></tr></table> If the minimum number of points for the presentation is not achieved, the presentation topic will be assessed in the form of an oral exam.	Grade	Criterion	2.0 (unsatisfactory)	<12 points	3.0 (satisfactory)	12-13 points	3.5 (good)	14-15 points	4.0 (very good)	16-17 points	4.5 (very good)	18-19 points	5.0 (excellent)	20 points
Grade	Criterion															
2.0 (unsatisfactory)	<12 points															
3.0 (satisfactory)	12-13 points															
3.5 (good)	14-15 points															
4.0 (very good)	16-17 points															
4.5 (very good)	18-19 points															
5.0 (excellent)	20 points															

9. ADDITIONAL INFORMATION

Department site (including information in English for EDD): periodontologia.wum.edu.pl

Students' Tutor – Dr hab n.med. Jan Kowalski, email: jkowalski@wum.edu.pl

Students' Science Group is led by dr Emilia Milczarek, email: emilia.milczarek@wum.edu.pl

Students report to the classes equipped in medical wear with the identity plaque containing name and surname of the student as well as the year of studies. Personal belongings are to be kept in available shelves.

Student should come to the classes on time. Being late more than 15 minutes is treated as an absence. The Department enables making up for absences only in the cases justified with the sick leave, stamped by the doctor and his/her clinic. Sick leave should be presented at the first classes after an absence. Principles of making up of unjustified absence are to be discussed with the assistant. Practical classes are completed basing on the presence, performing ordered medical procedures and crediting reports written in patients' cards and exercise books. Students are obliged to possess exercise books and write in it treated and observed cases. After each classes credit is required, written by the assistant.

Achieving mean grade of 4.5 from 3rd,4th and 5th year colloquium (combined) grants 1 additional point for the final test exam, achieving mean grade of 5.0 grants 2 additional points.

An oral exam is treated as a second attempt at passing the course. The Head of the Department decides on the date of the optional commission exam, which would also be oral.

We kindly ask students to frequently check the mailbox, MS Teams account, Department's website and Students' Table (in the Department) for possible new information.

Medical University of Warsaw has property rights, including copyright, to the syllabus. The syllabus may be used for educational purposes at the MUW only. Using of the syllabus for other purposes requires consent of the MUW.

ATTENTION

The final 10 minutes of the last class of the block/semester/year should be allotted for students to fill out the Survey of Evaluation of Classes and Academic Teachers