



## Periodontology And Oral Mucosa Diseases

<b>1. IMPRINT</b>	
<b>Academic Year</b>	2023/2024
<b>Department</b>	Faculty of Dental Medicine
<b>Field of study</b>	English Dentistry Division
<b>Main scientific discipline</b>	Medical sciences
<b>Study Profile</b>	General academic
<b>Level of studies</b>	Uniform MSc
<b>Form of studies</b>	Full-time program
<b>Type of module / course</b>	Obligatory
<b>Form of verification of learning</b>	Completion
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<b>2. BASIC INFORMATION</b>			
<b>Year and semester of studies</b>	Year 3, semester 3 and 4	<b>Number of ECTS credits</b>	2.00
<b>FORMS OF CLASSES</b>		<b>Number of hours</b>	<b>ECTS credits calculation</b>
<b>Contacting hours with academic teacher</b>			
Lecture (L)		-	-
Seminar (S)		18	0,6
Discussions (D)		10	0,4
e-learning (e-L)			
Practical classes (PC)		49	1,63
Work placement (WP)			

<b>Unassisted student's work</b>		
Preparation for classes and completions	30	1

<b>3. COURSE OBJECTIVES</b>	
O1	To gain an understanding of the etiology of periodontal disease.
O2	Gain knowledge on the prevention of periodontal disease.
O3	Basics of periodontal disease classification.

<b>4. STANDARDS OF LEARNING – DETAILED DESCRIPTION OF EFFECTS OF LEARNING</b>	
<b>Code and number of effect of learning in accordance with standards of learning</b>	<b>Effects in time</b>

**Knowledge – Graduate\* knows and understands:**

C.W30.	mechanisms leading to organ and systemic pathology, including infectious, invasive, autoimmune, immunodeficiency, metabolic, and genetic diseases
C.W31.	influence of physical, chemical, and biological factors, as well as avitaminosis and stress on the patient's body
C.W32.	basic clinical procedures of periodontal prophylaxis
F.W2.	principles of preventive and therapeutic management in diseases of the masticatory organ at different stages of development
F.W3.	viral, bacterial and fungal flora of the oral cavity and its importance
F.W9.	diagnosis and treatment of periodontal diseases and oral mucosa diseases
F.W21.	prevention of oral cavity diseases

**Skills– Graduate\* is able to:**

C.U15.	plan the basic stages of preventive care for patients with periodontal needs
F.U2.	conduct 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.

<b>5. ADDITIONAL EFFECTS OF LEARNING (non-compulsory)</b>
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<b>Number of effect of learning</b>	<b>Effects of learning i time</b>
<b>Knowledge – Graduate knows and understands:</b>	
K1	-
<b>Skills– Graduate is able to:</b>	
S1	-
<b>Social Competencies – Graduate is ready for:</b>	
SC1	-

<b>6. CLASSES</b>		
<b>Form of class</b>	<b>Class contents</b>	<b>Effects of Learning</b>
Seminars	<sup>2</sup> S1- Seminar 1 - New periopathogens in the light of research metagenomics. Discussion of the latest reports on periopathogens occurring in the mouth. Discussion of microbiological methods Biofilm research in relation to dentistry	F.W3
	<sup>1</sup> S1 - Seminar 1 - Dental plaque(biofilm)- mechanisms of formation, microbial spectrum and mechanisms of action. Physiological and pathological microflora. Bacterial complexes. Mechanisms of biofilm colonisation. Supragingival and subgingival biofilm. Direct and indirect periodontal destructive effects.	C.W30., F.W3.
	<sup>1</sup> S2- Seminar 2- General and local risk factors for periodontal disease. Factors promoting plaque deposition. Determinants. Risk factors. Retention factors. Factors favouring dryness of the oral mucosa.	C.W30.,C.W31., C.W32.,F.W2.,F.W21.
	<sup>1</sup> S3 - Seminar 3 - Prevention of periodontal disease. Primary, secondary and tertiary prophylaxis. Oral hygiene instruction. Patient motivation. Methods of staining dental deposits. Indicators of oral hygiene.	F.W2.,F.W21.
	<sup>1</sup> S4 - Seminar 4 -Home prophylaxis. Mechanical methods of combating plaque. Methods of tooth brushing. Methods of cleaning interdental spaces. Additional utensils for oral hygiene. Presentation of utensils.	C.W32.,F.W9.,F.W21
<sup>1</sup> S5 - Seminar 5 - Chemical methods of plaque control. Antiseptics. Antimicrobial agents used in mouthwash solutions and toothpaste.	F.W2., F.W21	

	<p><sup>1</sup>S6 - Seminar 6 - Repetition of knowledge. Presentation of individualised hygiene instruction</p> <p><sup>1</sup>S7- Seminar 7- Seminar topic: Professional prophylaxis. Professional removal of dental deposits. Manual versus machine scaling. Principles of scaling. Differences between manual and machine scaling.</p> <p><sup>1</sup>S8 - Seminar 8 -Instrumentation and technique for manual removal of dental deposits. Presentation of instrumentation.</p> <p><sup>1</sup>S9 - Seminar 9 - Instrumentarium and technique for machine removal of dental deposits. Polishing of tooth surfaces and smoothing of root surfaces. Presentation of instrumentation.</p> <p><sup>1</sup>S10 - Seminar 10 - Indications and contraindications for scaling. Subject and physical examination of the patient. Dental examination including hygiene and inflammation indicators. Discussion of indications and contraindications to scaling procedure. Principles of examination of the patient. Phases of the examination. Principles of the dental examination. Clinical parameters of periodontal status used in periodontology.</p> <p><sup>1</sup>S11 - Seminar 11 - Assessment of clinical parameters of periodontal tissue status and recording them in the patient chart: pocket depth, loss of connective tissue attachment, degree of furcation coverage, degree of tooth mobility. Presentation of the patient chart. Principles of filling in the chart.</p> <p><sup>1</sup>S12 - Seminar 12 - Classification of Periodontal Diseases. Basics of gingival and periodontal disease diagnosis.</p> <p><sup>1</sup>S13. Credit for seminars.</p>	<p>C.W32., F.W21.</p> <p>C.W32</p> <p>C.W32</p> <p>C.W32</p> <p>C.W30.,C.W31., C.W32., F.W2.</p> <p>F.W9</p> <p>C.W30.,C.W31., C.W32.,F.W2., F.W3., ,F. W9., F.W21.</p>
<b>Practical Classes</b>	<p><sup>1</sup>C1 – Class 1 – Patient Physical and Physical Examination (each other). Plaque staining, index calculation shallow. Proper oral hygiene instruction.</p> <p><sup>1</sup>C2 – Class 2 – Assessment of clinical parameters of tissue condition periodontium and their registration in the card. Studying each other.</p> <p><sup>1</sup>C3 – Class 3 – Demonstration of manual scaling tools and Machine.</p> <p><sup>1</sup>C4 – Class 4 – Working with phantoms. Manual and mechanical scaling.</p> <p><sup>1</sup>C5 –Class 5 – Working with phantoms. Passing the exercises.</p>	<p>F.U2,C.U15</p> <p>F.U2,C.U15</p> <p>F.U2,C.U15</p> <p>F.U2,C.U15</p> <p>F.U2,C.U15</p>

## 7. LITERATURE

### Obligatory

“Periodontology.The essentials”. HP Mueller, Thieme Verlag 2005

### Supplementary

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## 8. VERIFYING THE EFFECT OF LEARNING

Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
C.W30.,C.W31., C.W32.,F.W2., F.W3., F.W9., F.W21. F.U2.,C.U15.	<p>Attendance, theoretical preparation and active participation in seminars and passing quizzes. Quizzes cover the topics of the seminars carried out and the current topic, shall take place at the beginning of each seminar. Open-ended questions or a single-choice test.</p> <p>Passing a presentation on individualized hygiene instruction.</p> <p>Group (2-person) multimedia presentation of individualized for hygiene instruction.</p> <p>Components of the presentation:</p> <ol style="list-style-type: none"> <li>1. Proposed brushing technique</li> <li>2. Suggested brushing utensils</li> <li>3. Suggested utensils for space cleaning interdental and other additional.</li> <li>4. Proposed paste and rinse with justification of choice.</li> </ol>	<p>Active participation in seminars. Pass threshold for quizzes 60%</p> <p>In the event of failure to achieve the threshold by the student to pass the subject is carried out in the in the form of an oral reply with a of the whole material presented on the Seminars. Oral answer shall be treated as a second term</p> <p>Pass. To the decision The Head of the Department shall be Possible committee deadline credit, also in the form of Oral.</p> <p>The content of the substantive, the manner in which and the ability to speak Discussion.</p> <p>20 points – whole presentation ( 5 points for each component of the presentation)</p> <p>Evaluation of the criterion</p> <p>2.0 (ndst) &lt;12 points</p> <p>3.0 (dst) 12-13 pts</p> <p>3.5 (ddb) 14-15 pts</p> <p>4.0 (dB) 16-17 pts</p> <p>4.5 (pdb) 18-19 pts</p> <p>5.0 (bd) 20 pts</p> <p>In the event of failure to achieve the minimum number of points from presentation, passing the subject matter presentation takes place in oral presentation</p>

## 9. ADDITIONAL INFORMATION

Deputy Head for Clinical and Didactic Affairs: Andrzej Miśkiewicz, MD, PhD mail: andrzej.miskiewicz@wum.edu.pl

Students' Scientific Club, supervisor: Andrzej Miśkiewicz, MD, PhD; mail: andrzej.miskiewicz@wum.edu.pl

The rules for making up for absences should be agreed with the teaching assistant.

Late arrival of more than 15 minutes. is treated as an absence.

Plant Page: [periodontologia.wum.edu.pl](http://periodontologia.wum.edu.pl)

Students report to the classes in aprons and with an ID card containing the following information: student, name and surname, year  
Students are required to check the information on the Department's website or on the notice board in the Department before the start of classes.

The oral answer is treated as a second deadline. It is up to the Plant Manager to decide on a possible committee date also in oral form.

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**ATTENTION**

The final 10 minutes of the last class in the block/semester/year should be allocated to students'  
Survey of Evaluation of Classes and Academic Teachers