



## Periodontology And Oral Mucosa Diseases

### 1. IMPRINT

<b>Academic Year</b>	2024/2025
<b>Department</b>	Faculty of Medicine and Dentistry
<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 outcomes</b>	Completion
<b>Educational Unit / Educational Units</b>	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
<b>Head of Educational Unit / Heads of Educational Units</b>	act. Head of the Unit: dr hab.n.med. Jan Kowalski
<b>Course coordinator</b>	Dr hab.n.med. Jan Kowalski, e-mail: jkowalski@wum.edu.pl
<b>Person responsible for syllabus</b>	Dr hab.n.med. Jan Kowalski, e-mail: jkowalski@wum.edu.pl
<b>Teachers</b>	Dr hab.n.med. Jan Kowalski, e-mail: jkowalski@wum.edu.pl Dr n.med. Andrzej Miskiewicz, e-mail: <a href="mailto:andrzej.miskiewicz@wum.edu.pl">andrzej.miskiewicz@wum.edu.pl</a> Lek. dent. Emilia Milczarek, e-mail: <a href="mailto:emilia.milczarek@wum.edu.pl">emilia.milczarek@wum.edu.pl</a>

### 2. BASIC INFORMATION

<b>Year and semester of studies</b>	3 <sup>rd</sup> year, 5 <sup>th</sup> and 6 <sup>th</sup> semester	<b>Number of ECTS credits</b>	3.00
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FORMS OF CLASSES	Number of hours	ECTS credits calculation
<b>Contacting hours with academic teacher</b>		
Lecture (L)	5	0.2
Seminar (S)	15	0.5
Discussions (D)		
e-learning (e-L)		
Practical classes (PC)	27	1.0
Work placement (WP)		
<b>Unassisted student's work</b>		
Preparation for classes and completions	35	1,3

### 3. COURSE OBJECTIVES

O1	Gaining knowledge about the etiopathogenesis of periodontal diseases
O2	Gaining knowledge about the diagnostics and principles of treatment 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 time <i>(in accordance with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</i>
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#### Knowledge – Graduate\* knows and understands:

C.W30.	Mechanisms leading to organ and systemic pathologies including infectious, invasive, autoimmune, immunodeficient, metabolic and genetic diseases
C.W31.	The impact on the patient's body of physical, chemical and biological factors as well as avitaminosis and stress
C.W32.	Basic clinical procedures of periodontal prophylaxis
F.W2	Principles of prophylactic and therapeutic procedures in diseases of the masticatory system at various stages of development
F.W3	Viral, bacterial and fungal flora of the oral cavity and its importance

F.W4.	Symptoms, course and management in selected diseases of the oral cavity, head and neck, considering age groups
F.W9.	Diagnostics and methods of treatment of periodontitis and oral mucosa diseases
F.W19.	Pathomechanism of the influence of oral cavity diseases on general health
F.W20.	Pathomechanism of the impact of general diseases or therapies on the oral cavity
F.W21.	Prophylaxis of oral diseases
F.W23.	The specificity of dental care for a patient burdened with a general disease and the principles of cooperation with the physician in charge of the underlying disease

**Skills– Graduate\* is able to:**

C.U15.	Plan the basic stages of prophylactic care for patients in the area of periodontal needs
F.U1.	Conduct a medical interview with the patient or his family
F.U2.	Conduct a dental physical examination of the patient
F.U3.	Explain to the patient the essence of his ailments, establish the treatment method confirmed by the patient's informed consent and the prognosis
F.U4.	Provide the patient or his family with information about an unfavorable prognosis
F.U6.	Interpret the results of additional tests and consultations
F.U7.	Determine indications and contraindications for a specific dental procedure
F.U8.	Conduct treatment of acute and chronic, odontogenic and non-odontogenic inflammatory processes within soft tissues of the oral cavity, periodontium and jaws
F.U9.	Proceed in the event of general and local complications during and after dental procedures
F.U10.	Prescribe medications taking into account their interactions and side effects
F.U11.	Keep current patient records, prescribe referrals for tests or for a specialized dental and medical treatment
F.U15.	Establish treatment in diseases of the stomatognathic system tissues
F.U16.	Use appropriate medications during and after dental surgery to relieve pain and anxiety
F.U17.	Diagnose and treat basic periodontal diseases

\* 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 of learning i time
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**Knowledge – Graduate knows and understands:**

K1	
K2	
<b>Skills– Graduate is able to:</b>	
S1	
S2	
<b>Social Competencies – Graduate is ready for:</b>	
SC1	Competences achieved by students after the end of the third year of study should allow working with the patient under the control of an assistant. This means sufficient theoretical knowledge and practical skills to allow the student to participate in the treatment process.

<b>6. CLASSES</b>		
<b>Form of class</b>	<b>Class contents</b>	<b>Effects of Learning</b>
Lectures	<p>Lectures conducted by dr hab.n.med. Jan Kowalski</p> <p>L1: Diagnostics of periodontal diseases. Diagnostics of gingival and periodontal diseases</p> <p>L2: Diagnostics of periodontal diseases. Continuation of previous lecture, describing other topics of the classification for periodontal diseases and conditions (AAP/EFP 2017)</p> <p>L3: Nonsurgical periodontal treatment. Principles of periodontal treatment</p>	<p>F.W2., F.W.4.,F.W9.</p> <p>F.W9., F.W19., F.W20.</p> <p>F.W9.</p>
Seminars	<p>Seminars conducted by dr hab. n.med. Jan Kowalski</p> <p>S1. Repetition of knowledge from the 2<sup>nd</sup> year</p> <p>S2. Etiopathogenesis of periodontal diseases. Dental biofilm – creation and microbiological spectrum. Pathomechanism of plaque. Direct and indirect destruction mechanism.</p> <p>S3. Gingival diseases – classification and treatment Periodontal health maintenance . Plaque-induced gingivitis. Non-plaque-related gingival diseases.</p> <p>S4. Periodontitis Contents: Major clinical features of periodontitis. Declaring periodontitis stage. Grades of periodontitis.</p> <p>S5. Nonsurgical periodontal treatment Contents: Complementarity of periodontal treatment strategies. Periodontal treatment phases. Algorithms.</p> <p>S6. Nonsurgical periodontal treatment - continuation Contents:. Additional examinations in periodontal diagnostics. Risk profile assessment. Oral hygienisation. Non surgical treatment phase.</p>	<p>C.W30.,C.W31., C.W32.,F.W2., F.W21.</p> <p>C.W30.,C.W31., C.W32.,F.W3., F.W19., F.W20</p> <p>C.W30.,C.W31., F.W2.,F.W4., F.W9., F.W20., F.W21., F.W23</p> <p>F.W4.,F.W9., F.W19., F.W20., F.W23.</p> <p>C.W32.,F.W9., F.W23.</p> <p>C.W32.,F.W9., F.W23.</p>

	<p>S7 Surgical and complex periodontal treatment Contents: Patients' inclusion. Periodontal surgery endpoints. Resective procedures. Regenerative procedures.</p> <p>S8. Other points of the new classification Contents: Acute necrotizing diseases. Periodontal abscesses. Endo-perio lesions and their treatment.</p> <p>S9 Passing the seminars</p>	<p>F.W9.</p> <p>F.W9., F.W20., F.W21.,F.W23</p>
<p><b>Practical Classes</b></p>	<p>PC 1. Patient's examination, evaluation of periodontal clinical parameters, establishing the diagnosis and treatment plan, basic periodontal treatment.</p> <p>PC2. Patient's examination, evaluation of periodontal clinical parameters, establishing the diagnosis and treatment plan, basic periodontal treatment.</p> <p>PC3. Patient's examination, evaluation of periodontal clinical parameters, establishing the diagnosis and treatment plan, basic periodontal treatment.</p> <p>PC4. Patient's examination, evaluation of periodontal clinical parameters, establishing the diagnosis and treatment plan, basic periodontal treatment.</p> <p>PC5. Patient's examination, evaluation of periodontal clinical parameters, establishing the diagnosis and treatment plan, basic periodontal treatment.</p> <p>PC6. Patient's examination, evaluation of periodontal clinical parameters, establishing the diagnosis and treatment plan, basic periodontal treatment.</p> <p>PC7. Patient's examination, evaluation of periodontal clinical parameters, establishing the diagnosis and treatment plan, basic periodontal treatment.</p>	<p>C.U15.,F.U1., F.U2.,F.U3., F.U4.,F.U6., F.U7.,F.U8., F.U9.,F.U10., F.U11., F.U15., F.U16., F.U17.</p> <p>C.U15.,F.U1., F.U2.,F.U3., F.U4.,F.U6., F.U7.,F.U8., F.U9.,F.U10., F.U11., F.U15., F.U16., F.U17.</p> <p>C.U15.,F.U1., F.U2.,F.U3., F.U4.,F.U6., F.U7.,F.U8., F.U9.,F.U10., F.U11., F.U15., F.U16., F.U17</p> <p>C.U15.,F.U1., F.U2.,F.U3., F.U4.,F.U6., F.U7.,F.U8., F.U9.,F.U10., F.U11., F.U15., F.U16., F.U17</p> <p>C.U15.,F.U1., F.U2.,F.U3., F.U4.,F.U6., F.U7.,F.U8., F.U9.,F.U10., F.U11., F.U15., F.U16., F.U17</p> <p>C.U15.,F.U1., F.U2.,F.U3., F.U4.,F.U6., F.U7.,F.U8., F.U9.,F.U10., F.U11., F.U15., F.U16., F.U17</p> <p>C.U15.,F.U1., F.U2.,F.U3., F.U4.,F.U6., F.U7.,F.U8., F.U9.,F.U10., F.U11., F.U15., F.U16., F.U17</p> <p>C.U15.,F.U1., F.U2.,F.U3., F.U4.,F.U6., F.U7.,F.U8., F.U9.,F.U10., F.U11., F.U15., F.U16., F.U17</p> <p>C.U15.,F.U1., F.U2.,F.U3., F.U4.,F.U6., F.U7.,F.U8., F.U9.,F.U10., F.U11., F.U15., F.U16., F.U17</p>

	<p>PC8. Patient's examination, evaluation of periodontal clinical parameters, establishing the diagnosis and treatment plan, basic periodontal treatment.</p> <p>PC9. Patient's examination, evaluation of periodontal clinical parameters, establishing the diagnosis and treatment plan, basic periodontal treatment.</p> <p>PC10 Evidence-based periodontology. Critical evaluation of scientific data. An ability to formulate clinical questions (PICO). Verification or modification of the patients's treatment basing on PICO</p>	<p>C.U15.,F.U1., F.U2.,F.U3., F.U4.,F.U6., F.U7.,F.U8., F.U9.,F.U10., F.U11., F.U15., F.U16., F.U17</p>
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## 7. LITERATURE

### Obligatory

"Periodontology.The essentials". HP Mueller, Thieme Verlag 2005  
Classification of Periodontal and Peri-Implant Diseases and Conditions. Available in open access at:  
Journal of Clinical Periodontology 2018;45 Suppl 20.

### Supplementary

## 8. VERIFYING THE EFFECT OF LEARNING

Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
<p>C.W30.,C.W31., C.W32., F.W2., F.W3., F.W4.,F.W9., F.W19., F.W20.,F.W21.,F.W23.</p>	<p>SEMINARS Presence, preparation of theory and active participation in the classes and passing the tests.</p> <p>Passing with the presentation concerning individualized oral hygiene instructions.</p> <p>PRACTICAL CLASSES Colloquium</p>	<p>Presence on seminars. Theoretical preparation and active participation in seminars (passing quizzes – open questions, 60% passes) and possessing the knowledge from seminars (written exam– single choice questions, 30 questions with 4 distractors, 60% passes)</p> <p>Presence on practical classes. Theoretical preparation and active participation in practical classes. Possessing the ability to utilize the principles of patient's examination,</p>

		diagnostics and treatment planning , and periodontal treatment (written colloquium open questions, 60% passes)
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## 9. ADDITIONAL INFORMATION

*Department site (including information in English for EDD): [periodontologia.wum.edu.pl](http://periodontologia.wum.edu.pl)*

*Students' Tutor – Dr hab n.med. Jan Kowalski, email: [jkowalski@wum.edu.pl](mailto:jkowalski@wum.edu.pl)*

*Students' Science Group is led by dr Emilia Milczarek, email: [emilia.milczarek@wum.edu.pl](mailto: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 3<sup>rd</sup>,4<sup>th</sup> and 5<sup>th</sup> year colloquium (combined) grants 1 additional point for the final test exam, achieving mean grade of 5.0 grants 2 additional points.*

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

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### 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