



## 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, Binięckiego 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>	4 <sup>th</sup> Year, VII and VIII semester	<b>Number of ECTS credits</b>	5.0
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FORMS OF CLASSES	Number of hours	ECTS credits calculation
<b>Contacting hours with academic teacher</b>		
Lecture (L)	8	0.3
Seminar (S)	18	0.6
Discussions (D)		
e-learning (e-L)		
Practical classes (PC)	69	2.3
Work placement (WP)		
<b>Unassisted student's work</b>		
Preparation for classes and completions	55	1.8

### 3. COURSE OBJECTIVES

O1	Gaining knowledge about the etiopathogenesis of selected periodontal diseases and oral mucous membrane diseases.
O2	Gaining ability to diagnose and treat selected diseases of periodontium and oral mucous membrane.

### 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
E.U16.	Recognize dermatoses and collagenoses with symptoms within the oral mucosa
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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<b>Knowledge – Graduate knows and understands:</b>	
K1	
K2	
<b>Skills– Graduate is able to:</b>	
S1	
S2	
<b>Social Competencies – Graduate is ready for:</b>	
SC1	Establish and maintain deep and respectful contact with the patient, and to present understanding for differences regarding worldview and culture
SC2	Promote health-oriented behaviour
SC3	Use objective sources of information
SC4	Introduce the professional fellowship and cooperation in the team of specialists, including representatives of other medical professions, also in multicultural and multinational society

<b>6. CLASSES</b>		
<b>Form of class</b>	<b>Class contents</b>	<b>Effects of Learning</b>
Lectures	<p>Lectures are conducted by dr hab.n.med. Jan Kowalski</p> <p>L1: Diagnostics of oral mucous membrane part I. Symptomatology. Symptoms of mucosal diseases. Primary lesions. Secondary lesions.</p> <p>L2: Structure and function of oral mucous membrane. Diseases and deformities of the tongue.</p> <p>L3 Surgical treatment of periodontal diseases. Patients inclusion to periodontal surgery. Surgical materials. Chosen surgical techniques.</p> <p>L4: Mucogingival surgery Patients inclusion to mucogingival surgery. Chosen surgical techniques.</p>	<p>C.W30., C.W31.,F.W3., F.W9., F.W20. C.W30., F.W3., F.W9., F.W20.</p> <p>C.W30., C.W31.,F.W3., F.W9., F.W20. C.W30., F.W3., F.W9., F.W20.</p> <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>F.W9.</p>
Seminars	<p>Seminars conducted by dr hab.n.med. Jan Kowalski</p> <p>S1. Viral diseases. Infections with DNA viruses. Infections with RNA viruses.</p> <p>S2. Candidiasis of oral mucous membrane Candida infections: pseudomembraneous candidiasis. Acute atrophic candidiasis. Chronic atrophic candidiasis. Chronic mucocutaneous</p>	<p>C.W30., C.W.31,F.W2., F.W3., F.W4., F.W9.,F.W20., F.W23.</p> <p>C.W30., C.W.31, C.W32.,F.W2., F.W3., F.W4., F.W9.,F.W20.,</p>

	<p>candidiasis. Etiology, symptoms, diagnosis, differential diagnosis, treatment.</p> <p>S3. Diseases of oral mucous membrane caused by bacteria Etiology, symptoms, differential diagnosis, treatment</p> <p>S4. Aphthoses Recurrent aphthous stomatitis (RAS). RAS minor. RAS maior. RAS herpetiformes. Etiology, symptoms, diagnosis, differential diagnosis, treatment.</p> <p>S5. Lichen planus Etiology, symptoms, diagnosis, differential diagnosis, treatment.</p> <p>S6. Bullous diseases Bullous diseases with autoimmunological ethiology. Etiology, symptoms, diagnosis, differential diagnosis, treatment.</p> <p>S7. Erythema multiforme Etiology, symptoms, diagnosis, differential diagnosis, treatment.</p> <p>S8. Leukoplakia Etiology, symptoms, diagnosis, differential diagnosis, treatment.</p> <p>S9. Collagenoses Lupus erythematosus, scleroderma - ethiology, symptoms, diagnosis, differential diagnosis, treatment. Symptomhs of hematologic disease, endocrinal abnormalities, malnutritions,diabetes mellitus on oral mucosa. Mucositis.</p> <p>S10. Oral lesions accompanying systemic diseases and after medications Collagenoses, diseases of blood and lymph, endocrinology abnormalities, diabetes, dietary abnormalities, mucositis.</p> <p>S11. Hyposalivation Diseases associated with decreased secretion of saliva. Burning mouth syndrome.</p> <p>S12. Written colloquium</p> <p>S13. Discussion about colloquium. Retake of the colloquium (optional)</p>	<p>F.W21., F.W23</p> <p>C.W30., C.W.31,C.W32., F.W2., F.W3., F.W4., F.W9.,F.W20., F.W21.,F.W23</p> <p>C.W30., C.W.31,C.W32., F.W2., F.W3., F.W4., F.W9.,F.W20., F.W21.,F.W23</p> <p>C.W30., C.W.31,C.W32., F.W2., F.W3., F.W4., F.W9.,F.W20., F.W21.,F.W23</p> <p>C.W30., C.W.31,C.W32., F.W2., F.W3., F.W4., F.W9.,F.W20., F.W21.,F.W23</p> <p>C.W30., C.W.31,C.W32., F.W2., F.W3., F.W4., F.W9.,F.W20., F.W21.,F.W23.</p> <p>C.W30., C.W.31,C.W32., F.W2., F.W3., F.W4., F.W9.,F.W20., F.W21.,F.W23.</p> <p>C.W30., C.W.31,C.W32., F.W2., F.W3., F.W4., F.W9.,F.W20., F.W21.,F.W23</p> <p>C.W30., C.W.31,C.W32., F.W2., F.W3., F.W4., F.W9.,F.W20., F.W21.,F.W23.</p> <p>C.W30., C.W.31,C.W32., F.W2., F.W3., F.W4., F.W9.,F.W20., F.W21.,F.W23.</p>
<p><b>Practical Classes</b></p>	<p>PC1 Diagnostics and treatment of oral mucous membrane and periodontium.</p>	<p>E.U16.,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. SC1, SC2, SC3, SC4</p>

	<p>PC2 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC3 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC4 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC5 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC6 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC7 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC8 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC9 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC10 Diagnostics and treatment of oral mucous membrane and periodontium.</p>	<p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p>
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	<p>PC11 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC12 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC13 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC14 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC15 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC16 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC17 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC18 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC19 Diagnostics and treatment of oral mucous membrane and periodontium.</p>	<p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p>
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	<p>PC20</p> <p>Diagnostics and treatment of oral mucous membrane and periodontium. 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>PC21</p> <p>Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC22</p> <p>Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC23</p> <p>Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC24</p> <p>Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC25</p> <p>Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC26</p> <p>Diagnostics and treatment of oral mucous membrane and periodontium. Colloquium (oral)</p> <p>PC27</p> <p>Diagnostics and treatment of oral mucous membrane and periodontium. Colloquium retake (oral, optional)</p> <p>PC28</p>	<p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p> <p>E.U16.,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. SC1, SC2, SC3, SC4</p>
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	Diagnosics and treatment of oral mucous membrane and periodontium.	
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## 7. LITERATURE

### Obligatory

“Periodontology.The essentials”. HP Mueller, Thieme Verlag 2005  
 “Oral and maxillofacial medicine”. C Scully. Wright 2004  
 Classification of Periodontal and Peri-Implant Diseases and Conditions. Available in open access at:  
 Journal of Clinical Periodontology 2018;45 Suppl 20.  
 EFP recommendations for treatment of stage III periodontitis. Available in open access at:  
 Journal of Clinical  
 Periodontology 2020;47  
 Suppl 22:4-60. doi:  
 10.1111/jcpe.13290.

### Supplementary

Resources available at EFP website:  
[www.efp.org](http://www.efp.org)

## 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.W.31,C.W32., F.W2., F.W3., F.W4., F.W9.,F.W20., F.W21.,F.W23	Written colloquium on oral medicine (lectures and seminars)	Threshold of passing– 60% of positive answers
C.W30., C.W.31,C.W32., F.W2., F.W3., F.W4., F.W9.,F.W20., F.W21.,F.W23., E.U16.,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.	Oral colloquium	Active participation in the classes, performing ordered procedures confirmed in student's card. Collecting over 60% positive answers in the colloquium.

## 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