



Periodontology And Oral Mucosa Diseases

1. IMPRINT

Academic Year	2024/2025
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	act. Head of the Unit: dr hab.n.med. Jan Kowalski
Course coordinator	Dr n.med. Andrzej Miskiewicz, e-mail: andrzej.miskiewicz@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

2. BASIC INFORMATION

Year and semester of studies	2 nd Year, III and IV semester	Number of ECTS credits	2.0
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FORMS OF CLASSES	Number of hours	ECTS credits calculation
Contacting hours with academic teacher		
Lecture (L)		
Seminar (S)	18	0.6
Discussions (D)		
e-learning (e-L)		
Practical classes (PC)	10	0.4
Work placement (WP)		
Unassisted student's work		
Preparation for classes and completions	30	1.0

3. COURSE OBJECTIVES

O1	Repeating knowledge about the etiopathogenesis of selected periodontal diseases and oral mucous membrane diseases.
O2	Mastering the skills 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>

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.W9.	Diagnostics and methods of treatment of periodontitis and oral mucosa diseases
F.W21.	Prophylaxis of oral diseases

Skills– Graduate* is able to:

C.U15.	Plan the basic stages of prophylactic care for patients in the area of 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.

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	

Skills– Graduate is able to:

S1	
S2	

Social Competencies – Graduate is ready for:

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

6. CLASSES

Form of class	Class contents	Effects of Learning
Seminars	Seminars conducted by dr..n.med. Andrzej Miskiewicz S1. Dental biofilm. Biofilm formation, microbiological profile, pathophysiological mechanisms. Contents: physiological and pathological microflora, bacterial complexes, biofilm colonization mechanisms, supra- and subgingival biofilm, direct and indirect toxicity mechanisms.	C.W30., F.W3.

	<p>S2. Risk factors and local factors. Systemic and local risk factors for periodontal diseases. Factors facilitating biofilm colonization. Contents: Indicators. Risk factors. Retention factors. Factors facilitating hyposalivation.</p> <p>S3. Prophylaxis of periodontal diseases. I, II and III degree of prophylaxis. Oral hygiene instructions. Patient's motivation, methods of staining bacterial deposits. Oral hygiene indices. Contents: primary, secondary and tertiary prophylaxis. Methods of staining dental plaque. Oral hygiene indices.</p> <p>S4. Home prophylaxis. Mechanical methods of fighting dental biofilm. Methods of toothbrushing. Contents: Mechanical methods of removing dental plaque. Methods of toothbrushing. Manual and electric toothbrush.</p> <p>S5. Additional hygiene equipment. Methods of cleaning interdental spaces. Additional oral hygiene appliances. Presentation of equipment. Contents: Methods of cleaning interdental spaces. Additional oral hygiene appliances. Presentation of equipment</p> <p>S6. Antiseptics in periodontology. Chemical methods of fighting dental biofilm. Antiseptic agents in mouthrinses and dentifrices.</p> <p>S7. Repetition of knowledge.</p> <p>S8. Professional prophylaxis. Professional removal of dental biofilm. Manual and mechanical scaling. Contents: principles of professional plaque removal. Differences between manual and mechanical scaling.</p> <p>S9. Professional cleaning. Equipment and technique of manual biofilm removal,. Presentation of equipment. Contents: Equipment and technique of manual plaque removal. Presentation of equipment.</p> <p>S10. Periodontal equipment. Equipment and technique of mechanical biofilm removal. Tooth polishing and root planing. Presentation of equipment. Contents: Equipment and technique of mechanical plaque removal. Principles of polishing and root planing. Presentation of equipment.</p> <p>S11. Periodontal examination. Anamnesis and patient's examination. Dental examination including hygiene and inflammatory state indices. Contents: Principles of patients examination. Phases of examination. Principles of dental examination. Clinical parameters of periodontal state used in periodontology.</p> <p>S12. Periodontal chart. Evaluation of clinical periodontal parameters and their registration in patient's chart: pocket depth, clinical attachment loss, furcation involvement, tooth mobility. Content: Presentation of periodontal chart, principles of periodontal charting.</p> <p>S13. Scaling. Indications and contraindications for scaling. Contents: Scaling. Indications and contraindications for scaling.</p> <p>S14. New classification for periodontal diseases and conditions. Contents: Basics of periodontal diagnostics.</p> <p>S15. Passing the seminars .</p>	<p>C.W30.,C.W31., C.W32.,F.W2.,F.W21.</p> <p>F.W2.,F.W21.</p> <p>F.W2.,F.W21</p> <p>F.W2.,F.W21</p> <p>C.W32.,F.W9.,F.W21.</p> <p>F.W2., F.W21.</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>C.W32. F.W9.</p> <p>C.W30.,C.W31., C.W32.,F.W2., F.W3., ,F. W9., F.W21.</p>
<p>Practical Classes</p>	<p>PC 1. Anamnesis and clinical examination (each other in pairs). Presentation of tools for manual and mechanical scaling. Contents: Anamnesis and clinical examination (each other in pairs). Presentation of tools for manual and mechanical scaling.</p> <p>PC2. Staining dental deposits. Calculation of the plaque index. Proper oral hygiene instructions. Content: Staining dental deposits. Calculation of the plaque index. Proper oral hygiene instructions.</p> <p>PC3. Evaluation of the clinical periodontal parameters, and their registration in charts. Examining each other in pairs. Contents: Evaluation of the clinical periodontal parameters, and their registration in charts. Examining each other in</p>	<p>FF.U2.,C.U15.</p> <p>F.U2.,C.U15.</p> <p>F.U2.,C.U15.</p>

	<p>pairs.</p> <p>PC4. Presentation of tools for manual and mechanical scaling, work with phantoms. Contents: Presentation of tools for manual and mechanical scaling, work with phantoms.</p> <p>PC5. Work with phantoms, passing the classes. Contents: work with phantoms.</p>	<p>F.U2.,C.U15.</p> <p>F.U2.,C.U15.F.U6., F.U7.,F.U8., F.U10., F.U11., F.U12.,F.</p>
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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

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.	Presence, preparation of theory and active participation in the classes and passing the tests. Passing with the presentation concerning individualized oral hygiene instructions.	Active participation in practical classes, performing medical procedures confirmed in student's card. Threshold of passing– 60% of positive answers

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.

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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