



Periodontology And Oral Mucosa Diseases

1. IMPRINT	
Academic Year	2023/2024
Department	Faculty of Dental Medicine
Field of study	Dental-Medical Studies
Main scientific discipline <i>(in accord with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</i>	Medical Sciences
Study Profile <i>(general academic / practical)</i>	General Academic
Level of studies <i>(1st level / 2nd level / uniform MSc)</i>	Uniform MSc
Form of studies	Full-time program
Type of module / course <i>(obligatory / non-compulsory)</i>	Obligatory
Form of verification of learning outcomes <i>(exam / completion)</i>	Completion
Educational Unit / Educational Units <i>(and address / addresses of unit / units)</i>	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	Dr hab.n.med.Maciej Czerniuk
Course coordinator (title, First Name, Last Name, contact)	Dr hab.n.med. Jan Kowalski, e-mail: jkowalski@wum.edu.pl
Person responsible for syllabus (First name, Last Name and contact for the person to whom any objections concerning syllabus should be reported)	Dr hab.n.med. Jan Kowalski, e-mail: jkowalski@wum.edu.pl
Teachers	Dr hab.n.med. Jan Kowalski, e-mail: jkowalski@wum.edu.pl Dr n.med. Andrzej Miskiewicz, e-mail: andrzej.miskiewicz@wum.edu.pl Lek.dent. Emilia Milczarek, e-mail: emilia.milczarek@wum.edu.pl

2. BASIC INFORMATION

Year and semester of studies	4 th Year, VII and VIII semester	Number of ECTS credits	5.0
FORMS OF CLASSES		Number of hours	ECTS credits calculation
Contacting hours with academic teacher			
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)			
Unassisted student's work			
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 (concerns fields of study regulated by the Regulation of Minister of Science and Higher Education from 26 of July 2019; does not apply to other fields of study)

<p>Code and number of effect of learning in accordance with standards of learning (in accordance with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</p>	<p>Effects of learning in time:</p>
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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 in time
Knowledge – Graduate knows and understands:	
Skills– Graduate is able to:	
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
Lectures	Lectures are conducted by dr hab.n.med. Jan Kowalski L1: Diagnostics of oral mucous membrane part I. Symptomatology. Symptoms	C.W30., C.W31.,F.W3., F.W9., F.W20.

	<p>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., 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 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 etiology. 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 - etiology, symptoms, diagnosis, differential diagnosis, treatment. Symphoms 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>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., 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,F.W2., F.W3., F.W4., F.W9.,F.W20., F.W23.</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>C.W30., C.W.31,F.W2., F.W3., F.W4., F.W9.,F.W20., F.W23.</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,F.W2., F.W3., F.W4., F.W9.,F.W20., F.W23.</p>
<p>Practical classes</p>	<p>PC1 Diagnostics and treatment of oral mucous membrane and periodontium.</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>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>

PC10 Diagnostics and treatment of oral mucous membrane and periodontium.	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
PC11 Diagnostics and treatment of oral mucous membrane and periodontium.	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
PC12 Diagnostics and treatment of oral mucous membrane and periodontium.	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
PC13 Diagnostics and treatment of oral mucous membrane and periodontium.	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
PC14 Diagnostics and treatment of oral mucous membrane and periodontium.	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
PC15 Diagnostics and treatment of oral mucous membrane and periodontium.	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
PC16 Diagnostics and treatment of oral mucous membrane and periodontium.	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
PC17 Diagnostics and treatment of oral mucous membrane and periodontium.	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
PC18 Diagnostics and treatment of oral mucous membrane and periodontium.	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
PC19 Diagnostics and treatment of oral mucous membrane and periodontium.	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
PC20 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	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>patients's treatment basing on PICO</p> <p>PC21 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC22 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC23 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC24 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC25 Diagnostics and treatment of oral mucous membrane and periodontium.</p> <p>PC26 Diagnostics and treatment of oral mucous membrane and periodontium. Colloquium (oral)</p> <p>PC27 Diagnostics and treatment of oral mucous membrane and periodontium. Colloquium retake (oral, optional)</p> <p>PC28 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>
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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.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 (information essential for the course instructor that are not included in the other part of the course syllabus
e.g. if the course is related to scientific research, detailed description of, information about the Science Club)

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 n.med. Andrzej Miskiewicz, email: andrzej.miskiewicz@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.

There is a written colloquium in winter semester checking knowledge from oral diseases. In the last week of summer semester there is an oral colloquium from the whole material (periodontology and oral medicine)

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.

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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