



· Oral Pathology

<b>1. IMPRINT</b>	
<b>Academic Year</b>	2023/2024
<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>	Stationary
<b>Type of module / course</b>	Obligatory
<b>Form of verification of learning outcomes</b>	Completion
<b>Educational Unit / Educational Units</b>	Department of Pathology, Medical University of Warsaw Pawińskiego St. 7, 02-106 Warsaw Phone (022) 599-16-70 patomorfologia@wum.edu.pl

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<b>2. BASIC INFORMATION</b>			
<b>Year and semester of studies</b>	III year, V semester	<b>Number of ECTS credits</b>	3
<b>FORMS OF CLASSES</b>		<b>Number of hours</b>	<b>ECTS credits calculation</b>
<b>Contacting hours with academic teacher</b>			
Lecture (L)		5 (5 in form of e-learning)	0,4
Seminar (S)		5	0,4
Discussions (D)		5	0,4
e-learning (e-L)		-	-
Practical classes (PC)		-	-
Work placement (WP)		-	-
<b>Unassisted student's work</b>			
Preparation for classes and completions		10	0,8

<b>3. COURSE OBJECTIVES</b>	
O1	Provide basic knowledge that will allow students to understand the process of disease in oral cavity and to help them develop ability to properly diagnose and treat patients, which is essential for clinical practice and further post-graduate training..
O2	Provide basic knowledge allowing diagnosing diseases in oral cavity - about their mechanisms, origins and manifestations in the form of physiological and morphological changes.

O3	Understanding the mechanisms of pathologic lesions in oral cavity and their dynamics.
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#### 4. STANDARDS OF LEARNING – DETAILED DESCRIPTION OF EFFECTS OF LEARNING

Code and number of effect of learning in accordance with standards of learning	Effects in time
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##### Knowledge – Graduate\* knows and understands:

C.W13.	the concept of health and disease, mechanisms of the formation and development of the disease process at the molecular, cellular, tissue and systemic levels, clinical symptoms of the disease, prognosis and complications of the disease
C.W14.	mechanisms of inflammatory reaction and wound healing
C.W16.	diagnostic methods used in pathomorphology and the role of laboratory tests in the prevention and diagnosis of organ and systemic disorders
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
E.W1.	the relationship between morphological abnormalities and the function of altered organs and systems, as well as clinical symptoms, diagnostic possibilities, and treatment options
E.W2.	basic methods of medical examination and the role of additional tests in the diagnosis, monitoring, prognosis, and prevention of organ and systemic disorders, with particular emphasis on their impact on oral cavity
E.W15.	methods of cytological diagnostics and cytodiagnostic criteria for the diagnosis and differentiation of neoplastic and non-neoplastic diseases
F.W4.	symptoms, course, and management in specific diseases of the oral cavity, head, and neck, considering different age groups
F.W9.	diagnosis and treatment of periodontal diseases and oral mucosa diseases
F.W19.	pathomechanism of oral disease impact on general health

##### Skills– Graduate\* is able to:

C.U4.	predict and explain complex pathomechanisms of disorders leading to diseases
C.U5.	analyse the clinical course of diseases in pathological processes
E.U15.	recognize skin tumors and precancerous conditions
E.U16.	recognise dermatoses and collagenoses with symptoms within the oral cavity mucosa

E.U17.	recognise diseases related to smoking, alcoholism and other addictions
E.U18.	diagnose diseases with neck and submandibular lymphadenopathy and infectious diseases, with particular emphasis on lesions in the oral cavity
F.U5.	collect and protect the material for diagnostic tests, including cytological tests
F.U6.	interpret results of additional examinations and consultations

## 5. ADDITIONAL EFFECTS OF LEARNING

Number of effect of learning	Effects of learning i time
<b>Knowledge – Graduate knows and understands:</b>	
K1	-
<b>Skills– Graduate is able to:</b>	
C1	-
<b>Social Competencies – Graduate is ready for:</b>	
SC1	-

## 6. CLASSES

Form of class	Class contents	Effects of Learning
Lectures	L1 - Lecture 1 - White lesions in oral cavity Discussion of the most important changes associated with hyperkeratosis, parakeratosis and other keratosis disorders in the oral cavity.	C.W13., C.W14., C.W16., C.W30., C.W31., E.W1., F.W4., F.W9., F.W19., C.U4., E.U15., E.U16., E.U17.
	L2 - Lecture 2 - Epithelial neoplasms in oral cavity Discussion of the most important benign and malignant neoplastic lesions arising from the epithelium of the oral cavity.	C.W13., C.W16., E.W1., E.W15., F.W4., E.U15., E.U17., E.U18.
	L3 - Lecture 3 - Odontogenic neoplasms Discussion of benign and malignant neoplastic lesions developing from the odontogenic epithelium.	C.W13., C.W16., E.W1., E.W2., F.W4., C.U5., C.U14., E.U18.
	L4 - Lecture 4 - Salivary gland neoplasms Discussion of the most important benign and malignant tumors of the salivary glands.	C.W13., C.W16., E.W1., E.W15., F.W4., E.U17., F.U5.
	L5 - Lecture 5 - Role of pathologist in diagnosing diseases in oral cavity Discussion of the importance of pathomorphological diagnostics in the diagnosis of oral cavity diseases.	C.W13., C.W14., C.W16., C.W30., C.W31., E.W1., E.W15., E.U16., F.W19.
Seminars	S1 - Seminar 1 - White lesions and cystic lesions in oral cavity Discussion of lesions corresponding clinically to leukoplakia and odontogenic and non-odontogenic cystic lesions.	C.W13., C.W14., C.W16., C.W30., C.W31., F.W19., C.U14., E.U16., E.U17., E.U18., F.U5., F.U6.

	S2 - Seminar 2 - Epithelial and nonepithelial neoplasms in oral cavity. Discussion of the most important epithelial and non-epithelial neoplastic lesions of the oral cavity.	C.W13., C.W16., E.W1., E.W15., C.U14., E.U15., E.U17., E.U18., F.U5., F.U6.
	S3 - Seminar 3 - Intraosseous lesions. Discussion of the most important neoplastic and non-neoplastic lesions developing in the bones of the skull.	C.W13., C.W16., E.W1., E.W2., F.W4., C.U14., E.U17., E.U18., F.U5., F.U6.
	S4 - Seminar 4 - Salivary glands diseases. Discussion of the most important neoplastic and non-neoplastic changes of the salivary glands.	C.W13., C.W16., E.W1., E.W15., F.W4., E.U17., F.U5., F.U6.
	S5 - Seminar 5 - Summary of oral pathology classes. Summary and highlighting of the most important news in the field of oral pathology	C.W13., C.W14., C.W16., C.W30., C.W31., E.W1., E.W2., E.W15., F.W4., F.W19.
Discussions	D1 - Discussion 1 – White lesions and cystic lesions in oral cavity Morphological appearance of lesions corresponding to leukoplakia and odontogenic and non-odontogenic cystic lesions.	C.U4., C.U5., C.U14., E.U15., E.U16., E.U17., E.U18., F.U5., F.U6.
	D2 - Discussion 2 - Epithelial and nonepithelial neoplasms in oral cavity. Morphological appearance of the most important epithelial and non-epithelial neoplastic lesions of the oral cavity.	C.U4., C.U5., C.U14., E.U15., E.U16., E.U17., E.U18., F.U5., F.U6.
	D3 - Discussion 3 - Intraosseous lesions. Morphological appearance of the most important neoplastic and non-neoplastic lesions developing in the bones of the skull.	C.U4., C.U5., C.U14., E.U15., E.U16., E.U17., E.U18., F.U5., F.U6.
	D4 - Discussion 4 - Salivary glands diseases Morphological appearance of the most important neoplastic and non-neoplastic lesions of the salivary glands.	C.U4., C.U5., C.U14., E.U15., E.U16., E.U17., E.U18., F.U5., F.U6.
	D5 - Discussion 5 – Final written test	C.W13., C.W14., C.W16., C.W30., C.W31., E.W1., E.W2., E.W15., F.W4., F.W19.

## 7. LITERATURE

### Obligatory

Pathology of the Head and Neck, 2ed. A. Cardesa. Springer 2016

### Supplementary

Oral Pathology: Clinical Pathologic Correlations, Regezi, Joseph A., DDS, MS. Saunders 2012

## 8. VERIFYING THE EFFECT OF LEARNING

Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
C.W13., C.W14., C.W16., C.W30., C.W31., E.W1., E.W2., E.W15., F.W4., F.W19.	Credit: MCQ test consisting of 24 questions, each worth 1 point.	Passing on the basis of obtaining at least 13 points. Not rated.
C.U4., C.U5., C.U14., E.U15., E.U16.,	Interaction with teacher and active participation in classes. Assessment of the student's work	Presence and participation in all classes are required to take final MCQ tests.

E.U17., E.U18., F.U5., F.U6.	during the exercises and passing each exercise individually.	
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## 9. ADDITIONAL INFORMATION

1. Lectures are an integral part of the course and constitute the basis for the student's further work during seminars and exercises.
  2. Students are obliged to prepare for classes using primarily the teaching materials available at: [www.patomorfoologia.wum.edu.pl](http://www.patomorfoologia.wum.edu.pl).
  3. Assistant conducting a class has the right to verify students' knowledge by checking it orally or in writing. If a student is not adequately prepared for the class, they fail this particular class and are required to revise the material and present it in a form indicated by the assistant before the upcoming test.
  4. Being late for classes by more than 15 minutes results in an absence from the seminar/discussion on a given day.
  5. Attendance at all seminars and discussions is mandatory. Absences from classes should be made up at the earliest possible date, in the form of a written task assigned by the assistant responsible for that particular class, no later than the day before the meeting of the teaching council.
  6. All the classes are held in seminar rooms on the third floor.
  7. During classes phones must be completely turned off or in airplane mode.
  8. In order to pass the course, it is required to pass all 4 exercises and a positive result at the final colloquium, which is conducted in the form of a test by the Office of Quality and Innovation of Education of the Medical University of Warsaw on the day of the last class or the earliest possible date.
  9. Absence from the MCQ test must be excused as soon as possible, no later than the day before the meeting of the teaching council.
  10. In the event of an excused absence, the student completes a test with the assistant in a form agreed individually.
  11. Unexcused absence from the MCQ test is equivalent to failing it.
  12. Retake - form and date agreed individually with the teaching assistant. The retake test must be held no later than one week before the end of the summer semester.
  13. Board test - organized at the end of the summer semester and intended for students who have failed the retake test. Failure to pass the board test results in failing the course.
  14. Curricular affairs: Łukasz Fus, MD, PhD; [lukasz.fus@wum.edu.pl](mailto:lukasz.fus@wum.edu.pl)
- Any additional information is available at: <https://patomorfoologia.wum.edu.pl/>

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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