



## ORAL SURGERY

<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>	Full-time program
<b>Type of module / course</b>	obligatory
<b>Form of verification of learning</b>	exam
<b>Educational Unit / Educational Units</b>	<b>Department of Oral Surgery</b> Medical University of Warsaw Faculty of Dental Medicine Binieckiego 6 Street 02-097 Warsaw, University Dental Centre, floor I Phone No. (22) 116 64 41

<b>Head of Educational Unit / Heads of Educational Units</b>	<b>Prof. dr hab. Andrzej Wojtowicz</b>
<b>Course coordinator</b> (title, First Name, Last Name, contact)	<b>Prof. dr hab. Andrzej Wojtowicz</b> <b>Dr n. med. Marcin Adamiec</b>
<b>Person responsible for syllabus</b> (First name, Last Name and contact for the person to whom any objections concerning syllabus should be reported)	<b>Dr n med. Marcin Adamiec</b> e-mail: marcin.adamiec@wum.edu.pl
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<b>2. BASIC INFORMATION</b>			
<b>Year and semester of studies</b>	Year 5, semester 9 and 10	<b>Number of ECTS credits</b>	7.00
<b>FORMS OF CLASSES</b>		<b>Number of hours</b>	<b>ECTS credits calculation</b>
<b>Contacting hours with academic teacher</b>			
Lecture (L)		0	0
Seminar (S)		10	0.4
Discussions (D)		100	4
e-learning (e-L)			
Practical classes (PC)			
Work placement (WP)			
<b>Unassisted student's work</b>			

Preparation for classes and completions		
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<b>3. COURSE OBJECTIVES</b>	
O1	Acquiring knowledge enabling recognition and differentiation of pathologies in the oral cavity in the field of oral surgery.
O2	Acquiring skills enabling recognition and differentiation of pathologies within the oral cavity in the field of oral surgery.
O3	Acquiring knowledge and skills enabling independent performance of basic preventive and therapeutic procedures for oral diseases in the field of dental surgery and maintaining the patient's up to date documentation.
O4	Acquiring skills enabling decisions to be made regarding whether to refer a patient for treatment in the Department of Cranio-Maxillofacial Surgery and related specialties

<b>4. STANDARDS OF LEARNING – DETAILED DESCRIPTION OF EFFECTS OF LEARNING</b>	
<b>Code and number of effect of learning in accordance with standards of learning</b>	<b>Effects in time</b>

**Knowledge – Graduate\* knows and understands:**

F.W4.	the symptoms, course and management in specific diseases of the oral cavity, head and neck in different age group
F.W6.	principles of management in cases of periapical tissue diseases
F.W8.	principles of management in cases of cysts, pre-cancerous conditions and head and neck cancers
F.W10.	indications and contraindications for treatment with dental implants
F.W13.	principles of antibiotic therapy and antibiotic resistance
F.W15.	therapeutic methods for reducing and alleviating pain, as well as reducing anxiety and stress
F.W16.	principles of anaesthesia in dental procedures and basic pharmacological agents
F.W19.	pathomechanism of oral disease impact on general health
F.W20.	pathomechanism of how general diseases or administered therapies affect the oral cavity
F.W23.	characteristics of dental care for patients with a general illness and the principles of cooperation with a medical doctor treating the underlying disease

**Skills– Graduate\* is able to:**

F.U1.	conduct a medical interview with the patient or his family
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F.U2.	conduct a dental physical examination of the patient
F.U3.	explain the symptoms to the patient, determine the method of treatment confirmed by the patient's informed consent and prognosis
F.U4.	provide the patient or their family with information about poor prognosis
F.U5.	collect and protect the material for diagnostic tests, including cytological tests
F.U6.	interpret results of additional examinations and consultations
F.U7.	determine indications and contraindications for a specific dental procedure
F.U8.	conduct treatment of acute and chronic, dental and non-dental inflammatory processes of the oral cavity soft tissues, periodontium, and jaw bones
F.U9.	provide treatment 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, make referrals for dental and general medical examinations or treatment
F.U12.	formulate scientific problems in the field of dentistry
F.U13.	present selected medical issues verbally or in writing in a manner appropriate to the level of recipients
F.U15.	establish treatment for diseases of the stomatognathic system
F.U16.	use appropriate medications during and after the dental procedure to reduce pain and anxiety

\* In appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019 „graduate”, not student is mentioned.

<b>5. ADDITIONAL EFFECTS OF LEARNING (non-compulsory)</b>	
<b>Number of effect of learning</b>	<b>Effects of learning i time</b>
<b>Knowledge – Graduate knows and understands:</b>	
K1	
<b>Skills– Graduate is able to:</b>	
S1	
<b>Social Competencies – Graduate is ready for:</b>	
SC1	Competencies gained by student after year V should allow them to work individually with the patient under supervision of a teaching assistant. This involves sufficient knowledge and skills that allow to independently take medical history and perform physical examination, perform local anaesthesia and simple tooth extractions under supervision of a teaching assistant.

<b>6. CLASSES</b>		
<b>Form of class</b>	<b>Class contents</b>	<b>Effects of Learning</b>
Seminars	<p>S1. Surgical management of patients with general comorbidities, indications and contraindications to oral surgical procedures. The seminar summarizes the knowledge acquired during three years of learning dental surgery.</p> <p>S2. Head and neck infections, treatment methods – summary. The seminar summarizes the knowledge acquired during three years of teaching dental surgery regarding inflammation.</p> <p>S3. Review of oral proliferative lesions and odontogenic tumors, early diagnostic methods, oncological awareness, treatment methods – summary.</p> <p>S4. Surgical preparation for prosthetic treatment, tissue regeneration procedures, indications and methods of implant treatment.</p> <p>S5. Summarising colloquium</p>	<p>F.W4., F.W13., F.W10., F.W15., F.W20., F.W23.</p> <p>F.W6., F.W10., F.W13., F.W15, F.W16.</p> <p>F.W8., F.W15.</p> <p>F.W4, F.W10., F.W20.</p> <p>F.W4., F.W6, F.W8, F.W10., F.W13., F.W15., F.W16. F.W20., F.W23.</p>
Practical classes	<p>C1. The use of the Velscope lamp for the diagnosis of lesions in the oral cavity</p> <p>C2. Principles of diagnostics in early oncological diagnosis using chemiluminescence</p> <p>C3. Dental trauma treatment</p> <p>C4. Surgical treatment of sialolithiasis</p> <p>C5. Orthodontic surgery – corticotomy</p> <p>C6. Orthodontic surgery – removal of supernumerary teeth</p> <p>C7. Orthodontic surgery – exposing impacted teeth and cementing orthodontic attachments</p> <p>C8. Reconstructive surgery – use of PRF</p> <p>C9. Reconstructive surgery – use of bone substitute materials</p> <p>C10. Reconstructive surgery – use of barrier membranes</p>	<p>F.U2, F.U6. ,F.U7.</p> <p>F.U2, F.U6, F.U7</p> <p>F.U1, F.U2, F.U3, F.U7, F.U11, F.U16</p> <p>F.U1, F.U2, F.U3, F.U6, F.U7, F.U8, F.U10, F.U11, F.U16</p> <p>F.U1, F.U2, F.U3, F.U11, , F.U16</p> <p>F.U1, F.U2, F.U3, F.U11, , F.U16</p> <p>F.U1, F.U2, F.U3, F.U11, , F.U16</p> <p>F.U1, F.U2, F.U3, F.U6, F.U7, F.U9, F.U11, , F.U16</p> <p>F.U1, F.U2, F.U3, F.U6, F.U7, F.U9, F.U11, , F.U16</p> <p>F.U1, F.U2, F.U3, F.U6, F.U7, F.U9, F.U11, , F.U16</p>

C11. Indications and contraindications to implantological treatment	F.U1, F.U2, F.U3, F.U6, F.U7, F.U9, F.U11, F.U16
C12. Dental implants – clinical aspects	F.U1, F.U2, F.U3, F.U6, F.U7, F.U9, F.U11, F.U16
C13. Assessment of soft and hard tissues before planning implant treatment	F.U1, F.U2, F.U3, F.U6, F.U7, F.U9, F.U11, F.U16
C14. Principles of homeostasis in oral cavity rehabilitation in generally healthy people	F.U1, F.U2, F.U3, F.U6, F.U9, F.U11, F.U16
C15. Principles of homeostasis in the treatment of oral cavity rehabilitation in people suffering from cardiovascular diseases	F.U1, F.U2, F.U3, F.U6, F.U9, F.U11, F.U16
C16. Design of split and full-thickness flaps, types of suturing depending on the size and location of the surgical field	F.U1, F.U2, F.U3, F.U6, F.U9, F.U11, F.U16
C17. Examination and methods of treatment of jaw bone cysts - practical aspects	F.U1, F.U2, F.U3, F.U5, F.U6, F.U9, F.U11, F.U16
C18. Interpretation of additional tests in the diagnosis of jaw bone cysts	F.U6
C19. Examination of perimaxillary soft tissue cysts	F.U1, F.U2, F.U3, F.U5, F.U6, F.U9, F.U11, F.U16
C20. Interpretation of additional tests in the diagnosis of perimaxillary soft tissue cysts	F.U6
C21. Examination of the lymph nodes of the face and neck - interpretation of the examination results	F.U1, F.U2, F.U3, F.U5, F.U6, F.U11
C22. Odontogenic benign tumors	F.U1, F.U2, F.U3, F.U5, F.U6, F.U9, F.U11, F.U16
C23. Odontogenic malignant tumors	F.U1, F.U2, F.U3, F.U5, F.U6, F.U9, F.U11, F.U16
C24. Examination and treatment of hyperplastic lesions of soft tissues in the oral cavity	F.U1, F.U2, F.U3, F.U5, F.U6, F.U9, F.U11, F.U16
C25. Interpretation of additional tests in the diagnosis of hyperplastic lesions in the oral cavity	F.U1, F.U2, F.U3, F.U5, F.U6.

## 7. LITERATURE

### Obligatory

1. James R. Hupp, Myron R. Tucker, Edward Ellis, III: Contemporary Oral and Maxillofacial Surgery. Mosby 2013; 6th edition
2. Karl R. Koerner: Manual of Minor Oral Surgery for the General Dentist. Wiley-Blackwell 2006; 1st edition

4. Paul Coulthard, Keith Horner, Philip Sloan, Elizabeth Theaker: Master Dentistry Volume 1. Oral and Maxillofacial Surgery, Radiology, Pathology and Oral Medicine. Churchill Livingstone 2013, 3rd edition
5. Roderick A. Cawson, Edward W. Odell: Cawson's Essentials of Oral Pathology and Oral Medicine. Churchill Livingstone 2008, 8th edition
6. James R. Hupp, Elie M. Ferneini: Head, Neck and Orofacial Infections: An Interdisciplinary Approach. Elsevier Inc. 2016,
7. Matteo Chiapasco : Manual of oral surgery. III Edition. Editorial Edra 2018

#### Supplementary

1. Scientific journals: Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, Journal of Oral and Maxillofacial Surgery, Journal of Oral Pathology & Medicine etc.
2. James L. Hiatt, Leslie P. Gartner: Textbook of Head and Neck Anatomy. Lippincott Williams & Wilkins 2009; 4th edition

### 8. VERIFYING THE EFFECT OF LEARNING

Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
Knowledge - F. W4., F.W6., F.W8., F.W10., F. W13., F. W15., F.W16., F. W19., F.W20., F.W23.	<i>Short tests and colloquia summarizing individual thematic sections. The tests are a summary of knowledge from three years of studying the subject. They cover the topics of the 3rd, 4th and 5th year of studies. Number of tests: 3, form: test or oral answer.</i>	<p>Colloquium is passed at &gt;60% correct answers.</p> <p>Note      Criterium</p> <p>2.0 (failed) &lt;60%</p> <p>3.0 (sat.) &gt;= 60% i &lt;68%</p> <p>3.5 (r. good) &gt;= 68% i &lt;75%</p> <p>4.0 (good) &gt;= 75% i &lt;82%</p> <p>4.5 (m.t. good) &gt;= 82% i &lt;90%</p> <p>5.0 (v. good) &gt;= 90%</p> <p><i>Each student is entitled to two terms for passing the colloquium.</i></p> <p><i>Diploma exam consists of 100 questions single answer – passed with &gt; 60% from theoretical and practical part</i></p>
Skills – F.U1., F.U2., F. U3., F.U4., F.U5., F.U6., F.U7., F.U8., F.U9., F.U10., F. U11., F. U 12., F. U 13., F.U15., F.U16.	<i>Reports from practical classes (tables of performed procedures) Practical diploma exam, oral answer in the presence of the patient.</i>	<p>No missed classes (one justified miss in the Academic year is allowed).</p> <p>Tables of performed procedures</p>

### 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)*

Presence at seminars and practical classes is obligatory and constitutes basis to pass the course.

Justified miss (more than once) on seminar or practical class is required to be made up at a different date other than scheduled classes (e.g. semester break).

Person responsible for didactics - **Wojciech Popowski PhD, DDS, Marcin Adamiec, PhD, DDS**

Information on consultation hours available on the bulletin board at the department.

Students shall present for classes with protective clothing, footwear (changed) and identification badges.

The diploma exam is composed of 3 elements:

1. admission to exam is based on grades and partial passes for clinical classes, seminars and tests,
2. passing the practical exam, which is condition for admission to the written exam,
3. test exam

During the practical exam student's skills are assessed in terms of:

- ability to take medical history,
- ability to examine the patient,
- ability do correctly diagnose,
- ability to plan treatment,
- ability to perform anaesthesia,
- self-reliance in performing a surgical procedure,
- applying the rules of asepsis and antisepsis during work,
- communication with the patient;
- compliance to standards.

The final grade is calculated from partial grades (20% grades from classes, 20% practical exam, 60% test exam).

The Students Scientific Association at the Department of Oral Surgery brings together students of dentistry from years 3, 4 and 5. Working in the association allows to broaden knowledge in oral surgery and prepare research projects individually or in teams. Lectures on interesting topics are held during scientific meetings of the Association. Students have the opportunity to present results from their research work on annual regional and national scientific conferences. Active members of the Scientific Association organize and participate in oral surgery and implant dentistry congresses.

Announcements about Students Scientific Association can be found on the bulletin board at the department.

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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