ORAL SURGERY

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	exam
Educational Unit / Educational Units	**Department of Oral Surgery** 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

Head of Educational Unit / Heads of Educational Units	**Prof. Andrzej Wojtowicz, PhD, DDS**
Course coordinator *(title, First Name, Last Name, contact)*	**Prof. Andrzej Wojtowicz, PhD, DDS** **Marcin Adamiec, PhD, DDS**
Person responsible for syllabus *(First name, Last Name and contact for the person to whom any objections concerning syllabus should be reported)*	**Marcin Adamiec, PhD, DDS** e-mail: marcin.adamiec@wum.edu.pl
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2. BASIC INFORMATION

Year and semester of studies	Year 5, semester 9 and 10	**Number of ECTS credits**	7.00

FORMS OF CLASSES	**Number of hours**	**ECTS credits calculation**
Contacting hours with academic teacher		
Lecture (L)	0	0
Seminar (S)	10	0.4
Discussions (D)	100	4
e-learning (e-L)		
Practical classes (PC)		
Work placement (WP)		
Unassisted student's work		

Preparation for classes and completions	65	2,6

3. COURSE OBJECTIVES

C1	Acquiring knowledge enabling recognition and differentiation of pathologies in the oral cavity in the field of oral surgery.
C2	Acquiring skills enabling recognition and differentiation of pathologies within the oral cavity in the field of oral surgery.
C3	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.
C4	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

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**
Knowledge – Graduate* knows and understands:	
F.W4.	the symptoms, course and management of specific diseases of the oral cavity, head and neck in different age group
F.W6.	the procedures in case of periapical diseases
F.W8.	the procedures in case of cysts, pre-cancer conditions, head and neck neoplasms
F.W10.	the indications and contraindications related to treatment with the use of dental implants
F.W13.	the basics of antibiotic therapy and antibiotic resistance
F.W15.	therapeutic methods to be used for limitation and counteracting pain, minimisation of fear and stress
F.W16.	the principles of anaesthesia in dental procedures and the basic pharmacological products
F.W19.	the pathomechanism of oral cavity diseases onto the overall health condition.
F.W20.	The pathomechanism of general conditions or treatment therapy on the oral cavity condition.
F.W23.	Specificity of dental care in patient suffering from a general disease and principles of cooperation with the referring physician.
Skills– Graduate* is able to:	
F.U1.	conduct the medical interview with the patient or the patient's family

F.U2.	conduct the physical examination of the patient
F.U3.	explains to the patient the issue of the patient's problems, identifies the method of treatment confirmed with the patient's informed consent, and the prognosis
F.U4.	communicate to the patient or the patient's family bad information regarding the patient's health condition
F.U5.	sample and protects materials for diagnostic examinations, including cytological examinations
F.U6.	interpret the results of additional examinations
F.U7.	determine indications to perform a certain dental procedure
F.U8.	conduct the treatment of acute and chronic, tooth related and non-tooth related inflammatory processes of oral cavity soft tissues, periodontium and jaw bones
F.U9.	know the procedures in case of general and local complications during dental procedures and after dental procedures
F.U10.	prescribe drugs, taking into account their interactions and side effects
F.U11.	maintain the patient's up to date documentation, issues referrals to examinations or specialist treatment, both dental and general medical
F.U12.	formulate research problems in the field of dentistry
F.U13.	present selected medical problems verbally or in writing, in an adequate manner taking into account the level of the audience
F.U15.	determine treatment for the stomatognathic system diseases
F.U16.	use appropriate medications during and after surgical procedure to relieve 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.*

5. ADDITIONAL EFFECTS OF LEARNING *(non-compulsory)*

Number of effect of learning	**Effects of learning i time**
Knowledge – Graduate knows and understands:	
K1	
K2	
Skills– Graduate is able to:	
S1	
S2	
Social Competencies – Graduate is ready for:	
SC1	Competencies gained by student after year V should allow them to work individually with the patient under supervision. 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.

6. CLASSES

Form of class	Class contents	Effects of Learning
seminars	S1. Surgical management of patients with general comorbidities, indications and contraindications to oral surgical procedures.	F.W4., F.W13., F.W10., F.W15., F.W20., F.W23.
	S2. Head and neck infections, treatment methods – summary	F.W6., F.W10., F.W13., F.W15, F.W16.
	S3. Review of oral proliferative lesions and odontogenic tumors, early diagnostic methods, oncological awareness, treatment methods – summary.	F.W8. F.W15
	S4. Preprosthetic surgical treatment, tissue regeneration procedures, implant treatment - indications and methods.	F.W4, F.W10, F.W20
	S5. Test	F.W4., F.W6, F.W8, F.W10., F.W13., F.W15., F.W16. F.W20., F.W23.
practical classes	C1. The use of the Velscope lamp for the diagnosis of lesions in the oral cavity	F.U2, F.U6 ,F.U7
	C2. Principles of diagnostics in early oncological diagnosis using chemiluminescence	F.U2, F.U6, F.U7
	C3. Dental trauma treatment	F.U1, F.U2, F.U3, F.U7, F.U11, F.U16
	C4. Surgical treatment of sialolithiasis	F.U1, F.U2, F.U3, F.U6, F.U7, F.U8, F.U10, F.U11, F.U16
	C5. Orthodontic surgery – corticotomy	F.U1, F.U2, F.U3, F.U11, , F.U16
	C6. Orthodontic surgery – removal of supernumerary teeth	F.U1, F.U2, F.U3, F.U11, , F.U16
	C7. Orthodontic surgery – exposing impacted teeth and cementing orthodontic attachments	F.U1, F.U2, F.U3, F.U11, , F.U16
	C8. Reconstructive surgery – use of PRF	F.U1, F.U2, F.U3, F.U6, F.U7, F.U9, F.U11, , F.U16
	C9. Reconstructive surgery – use of bone substitute materials	F.U1, F.U2, F.U3, F.U6, F.U7,

	C10. Reconstructive surgery – use of barrier membranes	F.U9, F.U11, , F.U16
	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. Matteo Chiapasco : Manual of Oral Surgery. III Edition. Editorial Edra 2018

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. James R. Hupp, Myron R. Tucker, Edward Ellis, III: Contemporary Oral and Maxillofacial Surgery. Mosby 2013; 6th edition

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.W 13., F.W 15., F.W16., F.W 19., F.W20., F.W23.	*Tests and colloquiums summarising each section. Diploma exam in the form of test.*	*Colloquium is passed at >60% correct answers.* *Ocena Kryterium* *2.0 (failed) <60%* *3.0 (sat.) >= 60% i <68%* *3.5 (r. good) >= 68% i <75%* *4.0 (good) >= 75% i <82%* *4.5 (m.t. good) >= 82% i <90%* *5.0 (v. good) >= 90%* *Diploma exam – passed with > 60% from theoretical and practical part*
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.	*Reports from practical classes (tables of performed procedures)* *Practical diploma exam, oral.*	No missed classes (one justified miss in the Academic year is allowed). Tables of performed procedures

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.