



ORAL SURGERY 3 YEAR

1. IMPRINT

Academic Year	2026/2027
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 Oral Surgery Medical University of Warsaw Binieckiego 6 Street 02-097 Warsaw, University Dental Centre, floor I tel (22)116 64 41, e-mail: zcs@wum.edu.pl
Head of Educational Unit / Heads of Educational Units	Prof. Maciej Czerniuk, PhD, DDS
Course coordinator	Prof. Maciej Czerniuk, PhD, DDS Rafał Wojda, DDS
Person responsible for syllabus	Rafał Wojda, DDS e-mail: rafal.wojda@wum.edu.pl
Teachers	Prof. dr hab. Maciej Czerniuk, PhD, DDS, maciej.czerniuk@wum.edu.pl Prof. Andrzej Wojtowicz, PhD, DDS, andrzej.wojtowicz@wum.edu.pl Krzysztof Kukula, PhD, DDS, krzysztof.kukula@wum.edu.pl Marcin Adamiec, PhD, DDS, marcin.adamiec@wum.edu.pl

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2. BASIC INFORMATION

Year and semester of studies	III year, V and VI semester	Number of ECTS credits	4
FORMS OF CLASSES	Number of hours	ECTS credits calculation	
Contacting hours with academic teacher			
Lecture (L)	8	0,26	
Seminar (S)	13	0,46	
Discussions (D)			
e-learning (e-L)			
Practical classes (PC)	48	1,6	
Work placement (WP)			
Unassisted student's work			
Preparation for classes and completions	50	1,68	

3. COURSE OBJECTIVES

C1	Gaining knowledge allowing for the diagnosis and differentiation of pathologies within the oral cavity in the field of dental surgery.
C2	Getting skills to recognize and differentiate pathologies within the oral cavity in the field of dental surgery
C3	Gaining knowledge and skills allowing for independent performance of basic preventive and therapeutic treatments of oral cavity diseases in the field of dental surgery and keeping medical records.

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 (in accordance with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)
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Knowledge – Graduate* knows and understands:	
F.W1	phases of dentition development, occlusal norms and deviations from the norm, and anatomical-functional variability at various stages of the individual life cycle;
F.W4	the symptoms, course and management of specific diseases of the oral cavity, head and neck in different age groups
F.W6	procedure for periapical tissue diseases and odontogenic infections
F.W9	principles of using instruments, materials, and pharmacology in dental treatment
F.W10	diagnostics and management protocols for cysts of the jaws, inflammations of the bone and soft tissues of the face, also potentially malignant oral disorders
F.W11	symptoms, clinical course, and management of early and advanced-stage head and neck cancers, with particular emphasis on malignant tumors of the oral mucosa
F.W12	diagnosis and treatment methods for periodontal and peri-implant diseases, as well as diseases of the oral mucosa and salivary glands
F.W13	procedures for managing injuries of teeth and jaws
F.W14	principles of implanto-prosthetic treatment planning
F.W15	indications and contraindications for restorative procedures in oral surgery
F.W17	differential diagnosis of orofacial pain
F.W18	principles of using pharmacological agents in the prevention and treatment of oral diseases
F.W19	therapeutic methods used to reduce dental anxiety and stress
F.W20	principles of pain management in dental practice, including appropriate agents and methods;
F.W26	pathomechanism of the impact of oral diseases on the patient's general health
F.W27	pathomechanism of the impact of systemic diseases or administered therapies on the oral cavity
F.W28	the specifics of dental care for a patient with a systemic disease and the principles of cooperation with the physician treating the systemic disease
F.W29	Issues regarding dental care for patients with head and neck cancer before, during, and after oncological treatment.
Skills– Graduate* is able to:	
F.U1.	conduct a medical and dental examination with the patient or their family, adhering to the principles of professional communication;

F.U2	convey information to the patient, tailoring the amount and content to the patient's needs and capabilities; supplement verbal information with models and written materials—including charts and instructions—and use them appropriately;
F.U3	make diagnostic and therapeutic decisions jointly with the patient—including assessing the patient's level of engagement, needs, and capabilities in this regard, and encouraging the patient to take an active part in the decision-making process—discuss the advantages, disadvantages, expected long-term outcomes, and consequences of such decisions, and obtain the patient's informed consent;
F.U4	identify social determinants of oral health and signs of anti-health and self-destructive behaviors, discuss them with the patient, and make a note in the medical records
F.U5	identify, during the patient examination, behaviors or symptoms indicating the possibility of violence—including domestic violence—make a note in the medical records, and initiate the "Blue Card" procedure
F.U6	conduct a dental examination of the patient
F.U7	collect and secure material for diagnostic tests—including cytological, histopathological, and microbiological examinations—based on dental indications
F.U8	maintain medical records; issue referrals for examinations or specialized dental and general medical treatment
F.U9	order additional tests, interpret their results, and plan consultations
F.U10	determine the indications and contraindications for a specific dental procedure
F.U11	treat acute and chronic inflammatory processes—of both odontogenic and non-odontogenic origin—affecting the soft tissues of the oral cavity, the periodontium, and the jaws
F.U12	manage general and local complications occurring during and after dental procedures
F.U13	select medications based on dental indications, taking into account their interactions and side effects
F.U14	use pharmacological and non-pharmacological methods to manage pain associated with dental procedures, as well as dental anxiety and stress
F.U16	obtain information from members of the interdisciplinary team, respecting their diverse opinions and specialized expertise, and incorporate this information into the patient's diagnostic and therapeutic plan
F.U17	accept, explain, and analyze their role and scope of responsibility within the team, and recognize their role as a dentist in an interdisciplinary team
F.U20	diagnose and treat diseases of the pulp and periapical tissues within the scope of primary care
F.U26	diagnose clinical symptoms of neoplastic disorders—including potentially malignant ones—of the oral cavity, as well as neoplasms of the oral cavity and salivary glands;
F.U30	determine a treatment plan for complex cases of diseases affecting the tissues of the stomatognathic system;
F.U31	interpret the results of radiological examinations used in dental diagnostics

* 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	Competences achieved by students after the end of the third year of study should allow working with the patient under the control of an assistant. This means sufficient theoretical knowledge and practical skills to allow the student to participate in the treatment process.

6. CLASSES		
Form of class	Class contents	Effects of Learning
Lectures	Lecture 1 Embryology and anatomy of the head and neck, clinical aspects. Indication of etiopathogenesis in the formation of tissue deficits (genetic aspects), congenital lack of teeth, atrophy of bone tissue, augmentation methods, implantoprosthetic treatment on clinical examples. (The lecture deals with the ontogenetic development of the face and the masticatory system, topographic anatomy of the head and neck, the course of the main vessels and nerves, with particular emphasis on the trigeminal nerve, issues related to congenital and acquired bone loss, particularly in the context of implant treatment.	F.W1
	Lecture 2 Basic, objective, subjective and additional examinations in oral surgery. (The lecture aims to familiarize students with the principles of collecting an interview and physical examination of the patient, the chronology of the examination, and put attention to important information collected during the procedure, which has a significant	F.W4., F.W10., F.W11., F.W12., F.W13,F.W14,F.W.15,F.W17

	impact on treatment planning.) Lecture 3 Pharmacotherapy in dental surgery. (The lecture aims to familiarize students with medications used in everyday clinical practice. Local anesthetics, treatment of pain after surgery, the use of antibiotics in the treatment of inflammation and prophylaxis against infectious diseases, preparations used in local haemostasis.) Lecture 4 Preparation of patients with systemic diseases for procedures in the field of dental surgery. (The lecture highlights the impact of general health on the oral cavity and the implications of general health in terms of oral surgery.) Lecture 5 Basic procedures in dental surgery: extractions, treatment of impacted teeth. (The lecture discusses basic surgical procedures performed in the oral cavity, planning, technique of procedures and prognosis)	F.W9., F.W18., F.W19.,F.W20 F.W4, F.W6, F.W9, F.W10, F.W11, F.W12, F.W14, F.W26, F.W27, F.W28,F.W29
Seminars	Seminar 1 Discussion of the organization of dental surgery classes. Principles of work and cooperation with the patient. Work hygiene, asepsis and antisepsis in the course of surgical procedures. Written entry test on the anatomy of the head and neck with elements of embryology. The passing threshold is analogous to the threshold for the test-based midterm exam specified below. Seminar 2 Patient examination, part 1 - subjective - interviews - physical examination (The seminar discusses in detail all stages of the patient examination. Reasons for seeking treatment, symptoms, nature and duration of treatment, treatment undertaken, general health history. External and intraoral examination.) Seminar 3 Patient examination, part 2 - additional tests, indications (laboratory tests, blood tests, X-ray tests) (Indications for additional tests, the ability to refer to additional tests, interpretation of test results.) Seminar 4 Characteristics of local anesthetics, types of anesthesia. General and local complications. (Types of anesthetics are discussed, including those with the addition of vasoconstrictors. Anesthetic techniques,	F.W4, F.U8 F.W4.,F.W13, F.W14, F.W26, F.W27, F.W28, F.W29, F.U1., F.U2., F.U3., F.U4., F.U5, F.U6 F.W4., F.W10., F.U7., F.U8., F.U9, F.U10,F.U16, F.U17.

	superficial, infiltration and conduction anesthesia. Complications during and after anesthesia.) Seminar 5 Instruments used in Oral Surgery, part 1: - for tooth extraction - forceps - for surgical procedures: removing of impacted teeth, resection, enucleation of cysts (sets) (The types of surgical instruments used in dental surgery of forceps, elevators, and others used during procedures are discussed) Seminar 6 Instruments used in Oral Surgery, part II: - application and technique of working with tools used in dental surgery. (Technique of working with tools, ergonomics and safety. Asepsis and antisepsis.) Seminar 7 Test Seminar 8 Indications and contraindications for tooth extraction. (General and local indications and contraindications. The importance of dental infections in focal infections. Extractions for prosthetic and orthodontic indications. Surgical treatment of dental abnormalities.) Seminar 9 Complications during and after extractions - treatment of early and late (distant) complications. (Prevention and treatment of complications. Paying attention to the essential elements of the patient's examination that allow to avoid complications, atraumatic procedure. Principles of preoperative procedures. Seminar 10 Types of incisions in dental surgery (indications). Suturing technique. Types of suture materials. (Rules for using a scalpel. Anatomical conditions. Types of flaps. Size, shape of suturing needles. Resorbable and non-resorbable monofilament threads and braids when used.) Seminar 11 Salivary glands diseases. (Anatomy and physiology of small and large salivary glands. The role of saliva in maintaining the balance of the oral ecosystem. Classification of diseases of the salivary glands. Treatment methods.) Seminar 12 Temporomandibular joint diseases. (Anatomy and physiology of TMJ, the impact of tooth loss on abnormal joint function. Intra-articular and periarticular inflammations, their impact on early and late complications. Limitation in opening the jaws causes impact on planning surgical procedures in the oral cavity. Surgical methods of treatment.)	F.W18,F.W19,F.W20,F.U13,F.U114 . F.W9, F.U11 F.W9,F.U11 F.W4., F.W9., F.W10., F.W11., F.W12., F.W15., F.W17., F.W18., F.W19., F.W20., F.W26., F.W27., F.W28., F.W29., F.U1., F.U2., F.U3., F.U4., F.U5., F.U6., F.U7., F.U8., F.U9., F.U10., F.U11., F.U13., F.U14., F.U16., F.U17. F.W4., F.W6., F.W26., F.W27., F.W28., F.W29., F.U16., F.U17., F.U30., F.U31. F.U2., F.U12., F.U30., F.U31
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	Seminar 13 Completion of all material.	
Practical Classes	PC1. Topographic anatomy of the head and neck - clinical aspects	F.U6
	PC2. Principles of aseptics and antiseptics, prevention of cross-infections	F.U11., F.U12
	PC3. Work ergonomics	
	PC4. Interview and physical examination	F.U6
	PC5. Additional tests	F.U11., F.U12
	PC6. Treatment planning	
	PC7. Obtaining informed consent for treatment from the patient and keeping electronic medical records	
	PC8. Providing the patient and his relatives with bad information about the state of health	F.U1., F.U2., F.U3., F.U4., F.U5., F.U10., F.U16., F.U17., F.U30.
	PC9. Practical application of Meissner's and Berten's forceps	
	PC10. Practical application of the Bein and Winter lever	F.U1., F.U2., F.U3., F.U4., F.U5.
	PC11. Using cutting tools	F.U2
	PC12. Use of wound suturing tools	
	PC13. Use of local anesthetics	F.U11
	PC14. Practical performance of infiltration anesthesia	F.U11
	PC15. Practical conduction anesthesia	
	PC16. Technique of extraction of single-rooted and multi-rooted teeth	F.U7,F.U11
	PC17. Clinical aspects of removing partially and completely impacted teeth	F.U11
	PC18. Extraction of deciduous and reincluded teeth	F,U12, F.U14
	PC19. Periprocedural procedures	
	PC20. Preparing the patient for the procedure	
	PC21. Management of immunocompetent and non-immunocompetent patients. Indications and contraindications for antibiotic therapy.	F.U10, F.U11, F.U12
	PC22. Management of patients with elevated blood pressure in the preoperative period.	F.U6., F.U8., F.U10., F.U11., F.U12.
	PC.23. Management of patients with disorders of carbohydrate metabolism.	
	PC24. Management of neurological patients.	

	PC25. Dealing with pregnant patients. PC26. Dealing with infectious patients . PC27. Management of patients with diseases of the endocrine glands. PC28. Management of patients treated nephrologically. PC29. Preparation and methodology of rehabilitation in patients with diseases of the cardiovascular system . PC30. Preparation and methodology of sanation in patients with hematological diseases	F.U13,F.U14 F.U1., F.U2., F.U3., F.U4., F.U5., F.U6., F.U8., F.U10. F.U13., F.U16., F.U17., F.U30. F.U1., F.U2., F.U3., F.U8., F.U9., F.U10., F.U11., F.U20.
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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
3. James L. Hiatt, Leslie P. Gartner: Textbook of Head and Neck Anatomy. Lippincott Williams & Wilkins 2009; 4th edition

Supplementary

1. 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

8. VERIFYING THE EFFECT OF LEARNING

Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
F.W1., F.W4., F.W6., F.W9., F.W10., F.W11., F.W13., F.W14., F.W12., F.W15., F.W17., F.W18., F.W19., F.W20., F.W26., F.W27., W28., F.W29. F.U1., F.U2., F.U3., F.U4., F.U5., F.U6., F.U7., F.U8., F.U9., F.U10., F.U11., F.U12., F.U13.,	Short tests from the topic currently being discussed in the seminar or topics from previous seminars. These may be unannounced. Written format. A written test covering material presented in lectures and seminars. Questions may be open-ended (descriptive) or multiple-choice (single or multiple correct answers). Retakes are conducted in writing by the teaching assistant leading the group. Course credit is awarded based on a grade on a scale of 2 (fail) to 5 (excellent), calculated as the average of the grades from all tests and quizzes.	Attendance and active participation in seminars are mandatory. A graded colloquium is required for course credit. Attendance at all classes is required (one excused absence per academic year is permitted). Any justified absence beyond the first one—whether at seminars or practical classes—must be made up at a time that does not conflict with clinical rotations (e.g., during the

F.U14., F.U16., F.U17., F.U20., F.U26., F.U30., F.U31.,		semester break). In accordance with study regulations, each student is entitled to three attempts at the colloquium; the second and third attempts serve as retakes. Written colloquium: >60% of the maximum possible score. <table><tr><th>Grade</th><th>Criterion</th></tr><tr><td>2.0 (fail)</td><td><60%</td></tr><tr><td>3.0 (pass)</td><td>≥60% and <68%</td></tr><tr><td>3.5 (fair)</td><td>≥68% and <75%</td></tr><tr><td>4.0 (good)</td><td>≥75% and <82%</td></tr><tr><td>4.5 (v. good)</td><td>≥82% and <90%</td></tr><tr><td>5.0 (excl.)</td><td>≥90%</td></tr></table> Final credit for the year is conditional upon passing every seminar and passing the colloquium covering the material from the lectures and seminars.	Grade	Criterion	2.0 (fail)	<60%	3.0 (pass)	≥60% and <68%	3.5 (fair)	≥68% and <75%	4.0 (good)	≥75% and <82%	4.5 (v. good)	≥82% and <90%	5.0 (excl.)	≥90%
Grade	Criterion															
2.0 (fail)	<60%															
3.0 (pass)	≥60% and <68%															
3.5 (fair)	≥68% and <75%															
4.0 (good)	≥75% and <82%															
4.5 (v. good)	≥82% and <90%															
5.0 (excl.)	≥90%															

9. ADDITIONAL INFORMATION

In accordance with the new study regulations:

Excused absences from classes and/or assessments

To excuse an absence from a class or assessment, the student is required to notify the course coordinator—or another person designated by the head of the unit—via email or in writing no later than three working days after the date the class, assessment, exam, or internship took place. Submitting an excuse at a later date is permissible if the student was unable to submit it earlier for valid reasons; in such cases, the document must be submitted as soon as the reason for the absence ceases to exist.

Course completion (credit):

In the event of an excused absence from an assessment, the student is entitled to take the assessment at the next date scheduled by the unit.

An unexcused absence constitutes grounds for recording a failure to complete the course for that specific date. If the student fails to complete the course by the final date designated by the unit for the given academic year, they do not receive credit for the course.

If a student receives a failing grade on an assessment, they are entitled to two retake attempts. For the second retake attempt, the student may request the Dean to allow an observer designated by the Student Government to be present during the assessment.

The Dean may grant permission for a committee-conducted assessment if justified objections regarding the conduct of the assessment are raised.

The lectures present the latest findings, consensus statements, and current standards in oral surgery.

Attendance at all seminars and practical classes is mandatory; in the event of an absence, the date and method for making up the missed work must be arranged with the supervising assistant.

Lecture attendance is essential for acquiring up-to-date knowledge and is also a source of specific exam questions. Attendance is verified during lectures.

The grade obtained in the third year contributes to the final course grade.

The faculty members responsible for teaching the third-year course are Dr. Rafal Wojda

A Student Scientific Circle operates within the Department of Oral Surgery, bringing together dentistry students from the third, fourth, and fifth years. Participation in the Circle allows students to expand their knowledge of the subject and undertake independent or team-based research projects. Engaging lectures are organized for Circle members as part of scientific meetings. Students have the opportunity to present their findings at annual regional and national scientific conferences. Active members also participate in oral surgery and implantology congresses, assisting with their organization and proceedings.

The person responsible for teaching in the third year – Rafał Wojda, DDS;
e-mail: rafal.wojda@wum.edu.pl

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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