Maxillofacial surgery and oncology

1. IMPRINT

Academic Year	2026/2027
Department	Faculty of Medicine and Dentistry
Field of study	English Dentistry Division
Main scientific discipline *(in accordwith appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)*	Medical sciences
Study Profile *(general academic / practical)*	General academic
Level of studies *(1st level /2nd level/ uniform MSc)*	Uniform MSc
Form of studies	Full-time program
Type of module/ course *(obligatory / non-compulsory)*	Obligatory
Form of verification of learning outcomes *(exam/completion)*	**Exam**
Educational Unit / Educational Units *(and address / addresses of unit / units)*	**Department of Cranio-Maxillofacial Surgery, Oral Surgery and Implantology, Medical University of Warsaw** Lindey 4 str. 02-005 Warszawa, building 4 (22) 502-17-97

Head of Educational Unit / Heads of Educational Units	Paweł Zawadzki PhD, DDS, Associate Professor
Course coordinator *(title, First Name, Last Name, contact)*	Paweł Zawadzki PhD, DDS, Associate Professor
Person responsible for syllabus *(First name, Last Name and contact for the person to whom any objections concerning syllabus should be reported)*	Andrzej Kołciuk, PhD, DDS andrzej.kolciuk@wum.edu.pl
Teachers	Błażej Bętkowski DDS, blazej.betkowski@wum.edu.pl Edyta Jaworska PhD, DDS edyta.jaworska@wum.edu.pl Michał Jonasz PhD, DDS michal.jonasz@wum.edu.pl Andrzej Kołciuk DDS andrzej.kolciuk@wum.edu.pl Bartłomiej Szczodry DDS bartlomiej.szczodry@wum.edu.pl

2. BASIC INFORMATION

Year and semester of studies	5th year, 10th semester	**Number of ECTS credits**	4.00

FORMS OF CLASSES	**Number of hours**	**ECTS credits calculation**
Contacting hours with academic teacher		
Lecture (L)		
Seminar (S)	7	0,3
Discussions (D)	53	1,7
e-learning (e-L)	0	0
Practical classes (PC)		
Work placement (WP)		
Unassisted student's work		
Preparation for classes and completions	60	2

3. COURSE OBJECTIVES

O1	Students train their examination skills on patients, the diagnosis of cancer, the consequences of craniofacial injuries, first

	aid, collecting material for histopathological examination, preventive medicine in precancerous and cancerous conditions, extractions, extraoral incision of odontogenic abscesses, performing allergic tests. Students participate in all procedures in the field of maxillofacial surgery.
O2	Students should familiarize with topics, scope and methods of treatment of patients in the clinic through active participation. Students work individually with assistants who supervise their treatment of patients.
O3	Students should get familiar with the course of work of an outpatient clinic, the general ward, the nature of medical work, documentation and movement of patients as well as with methods of taking care of patients and the organization of the Operating Room.
O4	Students should pay attention to the occurring disease entities, methods of their recognition, documentation, treatment and rehabilitation of patients after surgery.

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)*

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)*	**Effects in time**
Knowledge – Graduate* knows and understands:	
F.W1.	occlusal norms at different stages of development and deviations from the norms
F.W2.	principles of preventive and therapeutic management in diseases of the masticatory organ at different stages of development
F.W3.	viral, bacterial and fungal flora of the oral cavity and its importance
F.W4.	symptoms, course, and management in specific diseases of the oral cavity, head, and neck, considering different age groups
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.W12.	causes of complications in diseases of the stomatognathic system and principles of management in case of such complications
F.W13.	principles of antibiotic therapy and antibiotic resistance
F.W14.	methods of rehabilitation of the masticatory apparatus
F.W16.	principles of anaesthesia in dental procedures and basic pharmacological agents
F.W19.	pathomechanism of oral disease impact on general health
F.W22.	principles of management in cases of diseases of the masticatory organ, dental traumas, and jaw bone injuries
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.	is able to explain and establish the nature of disorder, propose treatment and to fill in informed consent forms well as to present diagnosis and prognosis
F.U7.	determine indications to perform a certain dental procedure
F.U8.	conduct treatment of acute and chronic, dentopathy and independent inflammatory processes of inflammation of the soft tissues of the mouth, periodontal and bone of the jaws;
F.U9.	know the procedures in case of masticatory organ tissue diseases, tooth and jaw bone injuries
F.U10.	conducts the treatment of acute and chronic, tooth related and non-tooth related inflammatory processes of oral cavity soft tissues, periodontium and jaw bones
F.U11.	knows the principles of treatment in the event of general or local possible complications occurring during tor after the surgical procedures

** 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	-
SC2	-

1. CLASSES

Form of class	**Class contents**	**Effects of Learning**
Seminars	S1- maxillofacial traumathology	F.W4. F.W12., F.W14., F.W22
	S2- maxillofacial defects	F.W1., F.W2., F.W4.
	S3- head and neck oncology	F.W4., F.W14., F.W8., F.W19.

Practical classes	S4- head and neck cysts	F.W4., F.W8.
	S5- odontogenic tumors	F.W4., F.W8.
	S6- anatomy and pharmacology	F.W3., F.W13., F.W16.
	S7-bone diseases	F.W8., F.W10., F.W13., F.W16., F.W19.
	C1- C8- Collection of medical history	F.U1.
	C9- C17- conducting a physical examination and interviewing the patient about the proposed treatment, informed consent for surgery, information about prognosis and possible complications resulting from the treatment	F.U2.
	C18- C24- planning of the treatment process including diagnostics, surgical treatment, pharmacological treatment and post-operative care based on cases presented on the ward, possibility of passive or active participation in surgical procedures	F.U3., F.U7., F.U8. F.U9., F.U10
	C25- C26- - creation of a medical history based on cases presented in the ward	F.U11

2. LITERATURE

Obligatory

1. Kryst L.(red.): „Chirurgia Szczękowo-Twarzowa". PZWL: Warszawa 1999, 2007.
2. Chirurgia Szczękowo-Twarzowa. Red. S. Bartkowski, AM Kraków 1996.
3. Kaczmarzyk T., Stypułkowska J., Tomaszewska R., Czopek J. „Nowotwory zębopochodne i guzy nowotworopodobne kości szczękowych". Wydawnictwo Kwintesencja Warszawa 2009.
4. Kaczmarzyk T., Jadwiga Stypułkowska, Romana Tomaszewska: Torbiele obszaru szczękowo-twarzowego, Wydawnictwo Kwintesencja sp z o. o., Warszawa 2015.
5. Zapała J., Grażyna Wyszyńska-Pawelec Wybrane zagadnienia z onkologii głowy i szyi, Podręcznik dla lekarzy i studentów, Wydawnictwo Uniwersytetu Jagiellońskiego, Kraków 2017, wyd.1
6. Kaczmarzyk T., Aleksandra Goszcz, Lilia Grodzińska, Jadwiga Stypułkowska, Jarosław Woroń, Małgorzata Zaleska „Współczesna farmakoterapia w schorzeniach chirurgicznych jamy ustnej i tkanek okolicznych. Podręcznik dla studentów i lekarzy", Wydawnictwo Uniwersytetu Jagiellońskiego, 2006

Supplementary

1. Łasiński W. – „Anatomia głowy i szyi" Wydawnictwo Lekarskie PZWL Warszawa 1990.
2. Krzakowski Maciej, Krzysztof Warzocha (red.): Zalecenia postępowania diagnostyczno-terapeutycznego w nowotworach złośliwych – 2013 rok t. I, Wydawnictwo Viamedica, Gdańsk 2013.
3. Mlosek K. Radiologia Stomatologiczna i Szczękowo-Twarzowa..
4. Whaites E. Podstawy radiologii stomatologicznej..
5. Dominiak M., J. Zapała, T. GedrangePodstawy Chirurgii Stomatologicznej. 2013

6. Czasopisma: Czasopismo Stomatologiczne, Protetyka Stomatologiczna i inne.

3. VERIFYING THE EFFECT OF LEARNING

Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
F.U1. F.U2. F.U3. F.U7. F.U8. F.U9. F.U10. F.U11. F.U12. F.W1. F.W2. F.W3. F.W4. F.W8. F.W10. F.W12. F.W13. F.W14. F.W16. F.W19. F.W22.	Attendance at all exercises is compulsory, in case of absence a date and form of credit must be agreed with the teaching assistant. Test colloquium passing the content presented in lectures and seminars. The test consists of 25 questions, each question contains 4 distractors and 1 correct answer.	Attendance at exercises compulsory. Pass mark for a colloquium. Passing of the colloquium in oral and test form, passing of the test colloquium means achievement of at least 51% of the points: <13 pts. 2 16-13 pts. 3 19-17 pts. 3,5 21-20 pts. 4 23-22 pts. 4.5 25-24 pts. 5 The final grade is the arithmetic mean of the Year IV, Year V classes and the final examination test: The final exam test accounts for 70% and the class grade accounts for 30% The exam test consists of 100 questions with 4 distractors and 1 correct answer The final grade for the test exam is determined after evaluation. Minimum necessary to pass the test exam - 60%.

4. 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)*

The clinic runs a scientific study club led by Zygmunt Stopa DDS,PhD, zygmunt.stopa@wum.edu.pl.

The property rights, including copyrights, to the syllabus are vested in the Medical University of Warsaw. The syllabus can be used for purposes related to education during studies at the Medical University of Warsaw. The use of the syllabus for other purposes requires the consent of the Medical University of Warsaw.

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