



Maxillofacial surgery and oncology

1. IMPRINT

Academic Year	2022/2023
Department	Faculty of Dental Medicine
Field of study	English Dentistry Division
Main scientific discipline <i>(in accord with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</i>	Medical sciences
Study Profile <i>(general academic / practical)</i>	General academic
Level of studies <i>(1st level / 2nd level / uniform MSc)</i>	Uniform MSc
Form of studies	Full-time program
Type of module / course <i>(obligatory / non-compulsory)</i>	Obligatory
Form of verification of learning outcomes <i>(exam / completion)</i>	Completion
Educational Unit / Educational Units <i>(and address / addresses of unit / units)</i>	Department of Cranio-Maxillofacial Surgery, Oral Surgery and Implantology, Medical University of Warsaw ul. Lindey'a 4 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)	Edyta Jaworska PhD, DDS edyta.jaworska@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	5 th year, 10 th 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)			
Discussions (D)			
e-learning (e-L)			
Practical classes (PC)		60	2.0
Work placement (WP)			
Unassisted student's work			
Preparation for classes and completions		60	2.0

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. In the 2-week course:
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
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Knowledge – Graduate* knows and understands:

F.K2.	knows and understands the mechanisms leading to organ and systemic pathologies (infectious, invasive, autoimmune, out of deficiency resistance, metabolic and genetic diseases)
F.K4.	knows the viral, bacterial and fungal flora in the oral cavity and its effect
F.K5.	knows the symptoms, course and management of specific disease entities concerning oral, cavity, head and neck, including differences in age groups.
F.K6.	knows the types and mode of action of local anaesthesia for the tissue of the masticatory apparatus
F.K10.	is able to diagnose and propose a treatment plan in case of cysts, precancerous conditions as well as in head and neck cancers
F.K12.	indications and contraindications for treatment with the use of implant therapy
F.K14.	knows the causes and principles of procedure in complications of diseases of the stomatognathic system
F.K15.	knows and understands the mechanisms basics of antibiotic therapy and antibiotic resistance
F.K16.	knows how to rehabilitate the masticatory apparatus
F.K19.	knows the type and mode of basic anaesthesia in dental procedures and also the basics of pharmaceutical agents

F.K22.	knows and understands the pathomechanism effect of the oral cavity deceases on general health condition
Skills– Graduate* is able to:	
F.S1.	conduct the medical interview with the patient or the patient's family
F.S2.	conduct the physical examination of the patient
F.S3.	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.S7.	determine indications to perform a certain dental procedure
F.S9.	know the procedures in case of masticatory organ tissue diseases, tooth and jaw bone injuries
F.S10.	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.S11.	knows the principles of treatment in the event of general or local possible complications occurring during tor after the surgical procedures
F.S12.	prescribe medications, regarding to their interactions and side effects
F.S13.	maintain the patient's up to date documentation, issues referrals to examinations or specialist treatment, both dental and general medical

* 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	
Skills– Graduate is able to:	
S1	
Social Competencies – Graduate is ready for:	
SC1	

6. CLASSES		
Form of class	Class contents	Effects of Learning
Practical classes	Students examine patients. They perform or assist with simple surgical procedures: removing stitches, tooth extractions, local anesthesia, procedures in general anaesthesia. U1,U2,U3,U7,U9,U10,U11,U12,U13	F.S1., F.S2., F.S3., F.S7., F.S9., F.S10., F.S11., F.S12., F.S13. F.K.2,, F.K.3., F.K.4., F.K5., F.K6., F.K10 ., F.K12., F.K14., F.K15., F.K.16., F.K19., F.K22.

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7. 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 Wyszńska-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. Młosek K. Radiologia Stomatologiczna i Szczękowo-Twarzowa..
4. Whites E. Podstawy radiologii stomatologicznej..
5. Dominiak M., J. Zapała, T. GedrangePodstawy Chirurgii Stomatologicznej. 2013
6. Czasopisma: Czasopismo
Stomatologiczne, Protetyka
Stomatologiczna i inne.

8. VERIFYING THE EFFECT OF LEARNING

Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
F.S1., F.S2., F.S3., F.S7., F.S9., F.S10., F.S11., F.S12., F.S13. F.K.2., F.K.3., F.K.4., F.K5., F.K6., F.K10 ., F.K12., F.K14., F.K15., F.K.16., F.K19., F.K22.	Grade after practical classes is obtained on the basis of active participation during classes and a test consisting of 25 questions. Grade Criteria 2.0 (failed) <13 pts 3.0 (satisfactory) 14-16 pts 3.5 (rather good) 17-19 pts 4.0 (good) 20-21 pts 4.5 (more than good) 22-23 pts 5.0 (very good) 24-25 pts	The final grade is the arithmetic mean of classes of the year IV, year V and the examination. The final exam makes 70% and the classes grade is 30%. The final examination grade is determined after the evaluation. Diploma exam consists of 100 single- answer questions. Minimum 60% is required to pass the examination. Final test grade criteria: Gauss function.

		Online or stationary test (based on actual epidemic situation)
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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)*