

SYLLABUS

Study cycle commencing in the academic year 2023/2024

Name of course/module	Maxillofacial surgery	
Name of unit(s) in which the course is implemented	Department of Maxillofacial and Plastic Surgery	
E-mail of the unit	kchszt@umb.edu.pl	
Faculty	Faculty of Medicine with the Division of Dentistry and Division of Medical Education in English	
Major	Medicine	
Mode of study	Long-cycle master's studies	
Form of study	full-time <input checked="" type="checkbox"/>	part-time <input type="checkbox"/>
Language of the course	Polish <input type="checkbox"/>	English <input checked="" type="checkbox"/>
Course type	obligatory <input checked="" type="checkbox"/>	facultative <input type="checkbox"/>
Year/ semester	I <input type="checkbox"/> II <input type="checkbox"/> III <input checked="" type="checkbox"/> IV <input type="checkbox"/> V <input type="checkbox"/> VI <input type="checkbox"/>	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12 <input type="checkbox"/>
Introductory courses and essential requirements	Anatomy, Physiology, Pathophysiology, Pathomorphology	
Number of hours of teaching classes divided into methods of conducting classes	Classes - 10h	
Course assumptions and objectives	<p>-Diagnosis and management of soft tissue and bone injuries of the facial skeleton, with emphasis on first aid principles</p> <p>-Interdisciplinary collaboration in the recognition and treatment of facial trauma</p> <p>-Oncological vigilance, focusing on prevention, early detection of potentially malignant disorders, and management of suspected neoplastic diseases</p> <p>-Fundamentals of surgical treatment for head and neck tumors</p> <p>-Principles of interdisciplinary oncological management, supported by clinical case discussions</p> <p>-Recognition and initial management of craniofacial anomalies and suspected developmental malformations</p> <p>-Diagnosis and treatment of odontogenic infections in the head and neck region, salivary gland diseases, and facial pain syndromes</p>	
Teaching methods	<input checked="" type="checkbox"/> Group discussion <input checked="" type="checkbox"/> Seminars <input checked="" type="checkbox"/> Presentation and analysis of clinical cases <input checked="" type="checkbox"/> Independent knowledge acquisition <input checked="" type="checkbox"/> Clinical practise with patients	
Name and surname of the tutor	Teaching staff employed at the Department of Maxillofacial and Plastic Surgery	
Name and surname of the person responsible for teaching	Prof. dr hab. n. med Jan Borys	

	Learning outcomes/programme contents	Form of classes	Method of verification of assumed learning outcomes
Knowledge			
CW17	understands the principles of disinfection, sterilization, and aseptic techniques	Classes	<u>Summarizing methods:</u> -written pass, minimum 60% of correct answers in the test needed to pass. <u>Formative methods:</u> -observation of student's
IW16	knows the primary factors contributing to the development of dental caries		
IW17	is familiar with fluoride-based prophylaxis methods		
IW18	understands the relationship between focal infections and pathological conditions in the oral cavity		
IW19	knows the diagnostic procedures for identifying focal		

	infections in the masticatory system		work
IW20	recognizes and describes odontogenic soft tissue inflammations		-assessing engagement during seminars
IW21	understands the principles of oncological prevention		-seminar preparation assessment
IW22	is familiar with developmental and acquired defects of the masticatory system		-discussion during seminars
Skills			
EU18	is able to maintain medical records, including electronic documentation, in accordance with legal requirements	Classes	<p>Summary methods: - implementation of a specific task</p> <p>Formative methods: observation of the student's work -assessment of activity during classes -assessment of preparation for classes -discussion during classes -partial credits -case narrative</p>
FU1	is able to perform surgical hand disinfection, apply sterile gloves, wear surgical attire, prepare the operating field according to aseptic techniques, and assist in surgical procedures		
FU4	is able to assess and treat simple wounds, including administration of local anaesthesia (superficial and infiltrative), perform suture placement and removal, and apply and change sterile surgical dressings		
FU8	is able to manage external bleeding		
IU5	is able to apply dressings and manage wounds and fractures		
IU11	is able to assess oral hygiene status, evaluate caries risk, and indicate preventive measures		
IU12	knows the possibilities for preventing malocclusion in both early childhood development and later stages		
IU13	knows the potential risks associated with fluoride prophylaxis in the form of dietary supplements		
IU14	is able to collaborate with a dentist in the diagnosis of inflammatory foci and focal diseases		
IU15	is able to provide first aid in inflammatory conditions and injuries of the facial skeleton		
IU16	is able to recognize malformations, precancerous lesions, and neoplasms in the facial skeleton		
IU19	is able to describe a patient case using appropriate specialist terminology		
Social competences			
K1	respects doctor–patient confidentiality and upholds patients' rights	Classes	<p><u>Summary methods:</u> -continuous assessment by the teacher (observation)</p> <p><u>Formative methods:</u> -observation of the student's work -discussion during classes</p>
K2	is able to establish and maintain deep, respectful communication with patients, demonstrating sensitivity to cultural and worldview differences		
K3	acts in the best interest of the patient		
K4	recognizes personal limitations and performs self-assessment of educational needs and knowledge gaps		
K5	acts ethically and responsibly towards the patient, with awareness of social context and limitations resulting from illness		
K6	promotes health-conscious behaviours and attitudes		

K7	uses evidence-based and objective sources of information		
K8	draws reasoned conclusions based on personal assessments and clinical observations		
K9	demonstrates professional collegiality and effective collaboration within multidisciplinary teams, including in multicultural and international environments		
K10	formulates informed opinions on various aspects of professional practice		
K11	accepts responsibility for decisions made in professional practice, including those affecting personal and others' safety		

ECTS credits	1
Student workload	
Form of activity	Number of hours to complete the activity
Activities requiring participation of the tutor:	
1. Course completion: lectures (according to the study plan)	
2. Course completion: practical classes (according to the study plan)	10
3. Course completion: seminars (according to the study plan)	
4. Course completion: optional classes	
5. Participation in consultations	
	hours total: 10
Independent student work:	
1. Self-preparation for theoretical and practical classes (making a project, documentation, case description, etc.)	6
2. Self-preparation for assessments/tests	4
3. Self-preparation for the final examination/assessment	
	hours total: 10

Learning content of the course	
Learning outcomes (symbol and number)	Subject
CW17, EU18, FU1, FU4, FU8, IU5, IU12, IU15, IU19, K1, K2, K3, K4, K5, K6, K7, K8, K9, K10, K11	Types and characteristics of soft tissue and craniofacial bone injuries involving the face and oral cavity: diagnostics, first aid principles, treatment strategies, and complications. Interdisciplinary collaboration in the diagnosis and management of craniofacial trauma.
EU18, FU1, FU4, FU8, IU16, IU19, IW21, K1, K2, K3, K4, K5, K6, K7, K8, K9, K10, K11	Benign and malignant neoplasms of the craniofacial region, including the oral cavity: epidemiology, etiology, TNM staging. Principles of diagnosis, prevention, surgical and combined oncological treatment. Interdisciplinary collaboration. Preparation of the oral cavity for radiotherapy. Tumour-like lesions.
CW17,	Congenital (cleft) and acquired (skeletal) craniofacial

EU18, FU1, FU4, FU8, IU12, IU16, IU19, IW22, K1, K2, K3, K4, K5, K6, K7, K8, K9, K10, K11	defects: morphological, functional, and aesthetic disorders. Surgical management in multistage, interdisciplinary treatment of facial malformations.
CW17, EU18, FU1, FU4, FU8, IU11, IU12, IU13, IU14, IU15, IU19, IW16, IW17, IW18, IW19, IW20, IW22, K1, K2, K3, K4, K5, K6, K7, K8, K9, K10, K11	Odontogenic infections of the head and neck: etiopathogenesis, clinical symptoms, and treatment. Diseases of the maxillary sinuses. Major etiological factors in dental caries development. Fluoride prophylaxis and potential risks of systemic fluoride supplements (e.g. oral tablets). The relationship between focal infections and pathological conditions in the oral cavity.
EU18, FU1, FU4, FU8, IU19, K1, K2, K3, K4, K5, K6, K7, K8, K9, K10, K11	Selected diseases of cranial nerves: neuralgia and inflammation of the trigeminal nerve (cranial nerve V). Temporomandibular joint disorders. Salivary gland diseases.

Obligatory literature: (1-2 items)

1. *Essentials of Oral and Maxillofacial Surgery*, M. A. Pogrel, K.E. Kahnberg, L. Andersson, 2014, Wiley available online with UMB library login:
<https://www-1econtenta-1com-1whpseg20048.han.umb.edu.pl/pl/browser/44051>

Supplementary literature: (1-2 items)

1. *Oral and Maxillofacial Surgery*, Raymond J. Fonseca, 2018, Elsevier
2. *Atlas Of Oral And Maxillofacial Surgery*, D. Kademani, P. S. Tiwana, 2016, Elsevier

Criteria for the assessment of the achieved learning outcomes and the form and conditions of obtaining credit for the course:

Regulations of the Department of Maxillofacial and Plastic Surgery, Medical University of Białystok

1. Attendance is mandatory for all forms of classes.
2. Classes are conducted in person, in the form of practical exercises. Depending on the epidemiological situation and the decision of the University Authorities, the mode of teaching may be subject to change.
3. During classes, students are required to wear indoor footwear and two-piece scrubs.
4. It is forbidden to bring outerwear, bags, backpacks, textbooks, notes and electronic devices (including mobile phones, tablets, laptops, voice recorders, cameras) into the classroom. All of the above-mentioned items must be left in a secure place before the start of classes. The Department does not take responsibility for items left by students.
5. Audio or video recording, as well as taking photographs — including of patients, their medical records, and multimedia presentations — is strictly prohibited during classes.
6. Bringing food or beverages into the teaching rooms is not allowed.
7. Students are responsible for entrusted property and for any damage caused to the Department's premises.
8. Classes are held in groups of six students.
9. Unexcused absences are not permitted.
10. Absences from classes may be excused on the basis of a medical certificate or dean's leave. The justification must be submitted to the Head of the Department within 7 days after the circumstances justifying the absence cease. Missed classes may be made up with another group within 2 weeks.
11. Being late for more than 15 minutes is considered an absence.
12. In order to pass the course, attendance at all classes and obtaining at least 60% of the final test points are required.
13. The final test takes place during the last class in written form. The maximum number of points available: 10.
14. An unexcused absence from the final test results in a failing grade, with no possibility of retake.

15. In the event of not obtaining the required number of points on the written test, the student has the right to one retake, which must take place during the semester, no later than 14 days after the first attempt.
16. Test results are announced to students within 7 days from the date of the examination (via the Virtual Dean's Office or in person).
17. Students have the right to review their written work in the presence of the Head of the Department or a designated person.
18. If a student is found in possession of, or using, unauthorized materials or assistance, their test will be terminated. This is equivalent to receiving 0 points/a failing grade, without the possibility of retake.
19. In matters not regulated by these Regulations, the provisions of the The Regulations of First Degree, Second Degree and Uniform Master's Studies at the MUB shall apply.

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(date and signature of the head of the teaching unit or the course coordinator)

