

MAXILLOFACIAL SURGERY WITH DENTISTRY	
GENERAL INFORMATION	
Course coordinator	Assistant Professor Kristijan Dinjar, MD, PhD
Assistant/Associate	Bruno Popić, MD, PhD Vlatko Kopic, DMD, PhD Vedran Zubčić, MD Ivan Mumlek, MD Branko Janković, MD Josip Butković, MD
Study Programme	Integrated undergraduate and graduate university study of Medicine
Status of the course	Mandatory
Year of study, semester	5th year, 9th semester
ECTS	1
Workload (hours)	Lectures (5); Seminars (15) Exercises (10)
Expected number of students	70
COURSE DESCRIPTION	
Course objectives	
Enable students closer insight into the surgical treatment of bone fractures and facial injuries, head and neck tumors, cystic changes and inflammatory conditions, jaw deformities and facial malformations, jaw joint diseases, reconstructive, plastic and aesthetic procedures conducted in the area of the head and the neck.	
Enrolment requirements and entry competencies	
All exams from the 4th year completed.	
Learning outcomes at the Programme level	
1.2, 2.2	
Learning outcomes (5-10)	
<ol style="list-style-type: none"> 1. Connect and integrate knowledge from the clinical picture and the diagnostic procedures and make a critical judgment about the correct diagnosis of the disease 2. Distinguish the basic principles of treatment and plan the optimal type and sequence of therapeutic procedures 3. Enumerate and recognize the emergency conditions and determine the order of urgency in treating emergency conditions in maxillofacial surgery with dentistry 4. Critically evaluate different invasive and non-invasive methods of treatment of certain diseases and present them to the patient in an argumentative manner 5. Predict the appropriate prognosis of the disease and analyze the course, effects and outcomes of treatment 6. Recognize the diagnostic and treatment methods in accordance with the principles of "evidence-based medicine" 7. Describe the basic anatomy of the maxillofacial region 8. Name the main areas of maxillofacial surgery with dentistry and subsequently the basic groups of diseases 9. Classify, define, describe and distinguish between important diseases and disorders of the maxillofacial region 	

10. Describe the leading symptoms and signs of major diseases and disorders of the maxillofacial region and connect them to specific clinical pictures and syndromes, interpret the basic pathophysiological mechanisms of the development of the most important clinical entities

Course content

Maxillofacial surgery with dentistry deals with the surgical treatment of bone fractures and injuries in the facial area, head and neck tumors, cystic changes and inflammatory conditions, jaw deformities and facial malformations, jaw joint diseases, and reconstructive, plastic and aesthetic procedures in the head and neck area.

Lectures; through the lectures, it is planned to give students an insight into the latest information and guidelines related to the problems of diseases of the maxillofacial region. Refer students to the literature that will further facilitate what has been done and determine the guidelines for what has been done.

Seminars; through seminar papers, it is planned to give students a more detailed insight into solving the problem of tumor diseases of the head and neck, emergency conditions and injuries of the head and neck, and other disease states that we encounter every day in the maxillofacial clinic.

Clinical exercises; through exercises at the Department of Maxillofacial and Oral Surgery, it is planned to give students an insight into the daily work of a maxillofacial and maxillofacial surgeon. Independently or with a mentor, take information and examine the patient, establish a working diagnosis and determine the guidelines for diagnostic processing and treatment in perspective.

Mode of teaching

Lectures; Seminars; Clinical exercises

Student obligations

Attending all forms of classes is mandatory, and the student must pass all knowledge tests. A student can be absent from 30% of lectures, seminars and exercises, respectively, but with official notice. Undone exercise must be completed in a format of a colloquium.

Monitoring student work (Connectivity of learning outcomes, teaching methods and grading)

Teaching activity	ECTS	Learning outcome	Student activity	Assessment methods	Grade points	
					Min.	Max.
Class attendance	0,25	1-10	Class attendance	Attendance Sheet	5	20
Seminars, Exercises	0,25	1-10	Attendance and active participation in seminars and exercises	Testing acquired skills	15	30
Final exam	0,5	1-10	Studying for the oral exam	Grading of oral exam	30	50
Total	1				50	100

Evaluation/grading of the final exam:

Student answer	Grade points
The answer meets the minimum criteria	30.0

The average answer with noticeable errors	37.0
The very good answer with minor errors	44.0
The exceptional answer	50.0

Calculation of final grade:

The evaluation points obtained during the class are connected to the evaluation points obtained in the oral exam. Grading is done by absolute distribution, i.e. based on the final achievement and is compared with the numerical system as follows:

A – excellent (5): 80-100 evaluation points;

B – very good (4): 70-79.99 evaluation points;

C – good (3): 60-69.99 evaluation points;

D – sufficient (2): 50-59.99 evaluation points

Required reading (available in the library and through other media)

Title	Number of copies in the library	Availability through other media
Ivica Lukšić and al. MAKSILOFACIJALNA KIRURGIJA (udžbenik). Zagreb: Naklada Ljevak, 2019.	8	

Additional reading

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Course evaluation procedures

An anonymous, quantitative, standardized student survey about the subject and the work of the teachers conducted by the Quality Office of the Faculty of Medicine Osijek.

Note /Other

E-learning is not included in the standard course hours, but is used in classes and contains links to various pages, video and audio materials available on the Internet.