

1	Subject	Maxillofacial surgery			
2	Code	DMF508			
3	Study Program	Study Program of Integrated studies in dental medicine			
4	Organizing Institution (Unit, Institute, Chair, Department)	Department of Maxillofacial Surgery			
5	Educational degree (first or second cycle)	Integrated study			
6	Study year/semester	5 and 6/ 10 and 11	7	Number of credits	8
8	Teacher	Prof D-r Alberto Benedetti, Prof D-r Slave Naumovski, Prof D-r Vladimir Popovski, Prof D-r Danica Popovik-Monevska, Prof D-r Aleksandar Grcev			
9	Preconditions	Passed all compulsory courses of 5 and 6 semester. Signatures of 7 and 8 semester courses			
10	Teaching goals: The Wider Knowledge of Maxillofacial Pathology. Practical skills: First aid kit, dressings, bandages, sutures, immobilization of fractures etc. Wider knowledge of maxillofacial pathology.				
11	Brief content				
	Theoretical course				Class 60
	<p>Preoperative patient evaluation, medical history and physical examination; Special consideration for patients with compromised health conditions and their management; General principles of surgery; Aseptic techniques; Incision, haemostasis and wound healing; Preprosthetic surgery of soft tissue and ridge or tori relationships; Complex multi space-odontogenic infections; Treat infections surgical and antibiotic overview; Osteomyelitis of the jaws ; Jaw-bone infections; Odontogenic sinusitis; Management od dento-alveolar and soft-tissue injuries; Etiology, Diagnosis, Classification and Treatment; Contemporary management of mandibular fracture and its diagnosis regarding etiology; Le fort and maxillary bone fracture, etiology, anamnesis, and its diagnosis with property treatment; Zygomatic bone fracture, ; Etiology, Diagnosis, Classification and Treatment; Salivary gland infections; Salivary gland neoplasms; Differential diagnosis of oral and maxillofacial lesions; Surgical biopsy procedures; Odontogenic tumors; Malignant tumors of the oral cavity and oropharynx, clinical, pathologic, and radiologic evaluation; Principles of surgical management of jaw tumors; marginal/segmental, partial, and total resection; Neck dissections; Cervical lymphadenopathy and lymphadenitis; Cysts of the soft tissues of the mouth, face and neck; Different types of dentofacial deformities; Bone grafts in reconstructive surgery; Etiology, classification, diagnosis and treatment of cleft lip and palate; TMJ disorders; Trigeminal Neuralgia (Facial Pain) Causes and Treatments; Facial neuropathy; Chronic daily headaches Syndroma; Facial Paralysis: Causes, Symptoms, & Diagnosis</p>				
	Total				60
	Practical lessons:				Class
	<p>Evaluation of patients with maxillofacial pathology, in outpatient settings and patients with hospital treatment. Analysis of preoperative preparation of patients prior to surgery, attendance of students during fracture treatment and exercise following a short immobilization period in study model. Passive participation in surgical intervention in ambulatory or outpatient case reports.</p>				
	Total				60
12	Methods of studying: class room oriented lectures, interactive lectures, group work, practical training, seminar paper				
13	Total available time	240 classes			
14	Organization of the course	60 classes - theoretical course, 60 classes- practical course, 120 classes - home individual learning and other activities			
15	Forms of	15.1.	Theoretical course		60 classes

	teaching activities	15.2.	Practical course, seminars			Practical course - 60 classes
16	Other forms of activities	16.1.	Project tasks			
		16.2.	Individual tasks			
		16.3.	Individual (home) learning			120 classes
17	Method of assessment	17.1.	Tests			30 points
		17.2.	Active participation, seminar paper/project (oral/written presentation)			10 points
		17.3.	Final (oral) exam			60 points
18	Grading criteria (points / grade)	Up to 59 points			5 (five) (F)	
		from 60 to 67 points			6 (six) (E)	
		from 68 to 75 points			7 (seven) (D)	
		from 76 to 84 points			8 (eight) (C)	
		from 85 to 93 points			9 (nine) (B)	
		from 94 to 100 points			10 (ten) (A)	
19	Requirement for signature and taking the final exam	<p>The student is required to actively follow all of the planned activities.</p> <p>Conditional criteria for assessment of knowledge:</p> <p>In order to get a signature, the student should obtain minimum points in both theoretical and practical courses, and to present seminar paper;</p> <p>In order to take the final exam, the student should obtain the minimum points from activity and test;</p> <p>If the student has not obtained the minimum points in the continual assessments, he/she in next exam session will have paper part of the exam (40 points) and final exam (60 points)</p>				
20	Language of the course	English				
21	Method for evaluation of the quality of education	Anonymous student's evaluation of the subject, teachers and collaborators involved in the educational activities				
22	Literature					
	22.1.	Mandatory textbooks				
		No.	Author	Title	Publisher	Year
		1	James R.Hupp, Edward Ellis III, Myron R.	Tucker Contemporary Oral and Maxillofacial Surgery, 6 th Edition	Elsevier	2014
		2	Michael Miloro, GE Ghali, Peter Larsen, Peter Waite	Peterson's Principles of Oral and Maxillofacial Surgery, 3 Edition	PMPH USA	2011
	22.2.	Additional literature				
No.		Author	Title	Publisher	Year	
1		Miodrag Gavric	Maksilofacijalna hirugija	Izdavacka agencija Draganic Beograd	2004	