

		Ord. No.	Author	Title	Publisher	Year
		1.	McDonald R, Avery D	Dentistry for the Child and Adolescent	Mosby, 7 ^{ed}	1999

Attachment No. 3		Course program for the first cycle of studies			
1.	Course title	Emergency conditions and patients at risk			
2.	Code	DMMGN5			
3.	Study program	Dentistry - integrated first and second cycle of studies			
4.	Organizer of the study program (unit, i.e., institute, department, division)	UKIM - Faculty of Dentistry – Skopje, Department of Oral Surgery and Department of Maxillofacial Surgery			
5.	Degree (first, second, third cycle)	Integrated First and Second Cycle Studies			
6.	Academic year/semester	Year	5	semester	9
7	Course workload expressed in ECTS credits	2			
8.	Teacher (in case of multiple teachers, designated teacher in charge)	Teacher in charge: Prof. Dr. Marina Kacarska, *Professors from both departments conduct the teaching			
9.	Language in which the curriculum is conducted	English			
10.	Necessary prerequisites for taking and passing the course	Completed all mandatory courses from the fourth year and passed all mandatory courses from the third year			
11.	Course objectives (competences) and learning outcomes:	The students should gain basic knowledge about the most common emergency conditions in dental practice, characteristic symptomatology and clinical image, therapy and prevention, as well as gain basic knowledge about the specifics of high-risk patients, their systemic disorders, the therapy they receive and the importance of when and how dental treatment is planned and performed in these patients.			
12.	Detailed course content by chapters and units with learning outcomes for each chapter	Theoretical instruction - lectures Chapter 1 - emergency conditions in dental practice - pain in the orofacial region1 class - bleeding.....1 class - acute odontogenic infections.....2 classes - injuries1 class - episodic unconsciousness..... 1 class - urgent cardiovascular conditions.....2 class - urgent respiratory conditions.....2 classes - drug allergic reactions..... 3 classes - drug toxic reactions 2 classes Outcomes from Chapter 1 By mastering the content of the methodological units in this chapter, the students will learn about the most common emergency situations in dental practice, symptomatology and clinical image, diagnosis, differential diagnosis, therapy, and prevention. 2. Chapter – High-risk patients in dental practice -Management of patients with renal insufficiency and end-stage renal disease in the dental office 2 classes - Immunodeficient patients in the dental office. Patients with side effects of cytostatic therapy (admission, treatment) 2 classes - Patients with hepatic disorders2 classes - Blood dyscrasias and hemophilia, management of dental			

		interventions.....2 classes - Patients with autoimmune and specific diseases, management of dental interventions..... 2 classes - Pregnant women and dental treatment, which procedures, medications, and which term is the safest..... 2 classes - Patients with neurological, psychiatric problems, alcoholism, and drug addiction.....3 classes Outcomes from chapter 2 By mastering the content of the methodological units of this chapter, the students will learn about the specific disorders in high-risk patients and the specifics of planning and performing dental treatment in these patients. Total:30 classes				
13	Interrelation of subjects	Oral Surgery 1, Dental Pathology, Internal Medicine, Pharmacology, Hematology, Radiotherapy and Oncology, Allergology				
14.	Detailed description of the teaching and working methods for the subject	Interactive instruction, working in small groups				
15.	Total available time	60 classes				
16.	Forms of teaching activities	16.1.	Lectures - theoretical teaching classes	30 classes		
		16.2.	Exercises (laboratory, auditorium), seminars, teamwork: classes Exercises (laboratory, auditorium), seminars, teamwork: classes			
		16.3.	Practice: classes			
17.	Other forms of activities	17.1.	Project assignments: classes			
		17.2.	Independent assignments: classes			
		17.3.	Home study - assignments	30 classes		
18	Signature requirements	Regular attendance at theoretical teaching 3-5 points (minimum attendance at 60% of classes)				
19	Grading method					
	19.1.	Tests: points		Test 1 20 points Test 2 20 points		
	19.2.	Seminar paper/project, written and oral presentation: points		5 points		
	19.3.	Final exam: points		Oral exam 50 points		
20	Grading criteria (points/grade)		up to 59 points	5 (five) (F)		
			from 60 to 68 points	6 (six) (E)		
			from 69 to 76 points	7 (seven) (D)		
			from 77 to 84 points	8 (eight) (C)		
			from 85 to 92 points	9 (nine) (B)		
			from 93 to 100 points	10 (ten) (A)		
21.	Method of monitoring the quality of instruction		Self-evaluation by students, control by assistants in carrying out practical instruction, and assessment of the students' success, as well as the pass rate of students who have passed the course			
22.	Literature					
	22.1.	Required literature				
		Ord. No.	Author	Title	Publisher	Year
		1.	Miodrag Gavric, Vlastimir Petrovic, Draganić	Urgentna stanja u stomatoloskoj praksi	Beograd	2001
		2.	Krishnamurthy Bonanthaya and ass.	Oral and maxillofacial surgery for clinicians	Springer	2021
		3.	James R. Hupp	Contemporary oral and maxillofacial surgery	Arberia Design	2017

		4.	Stanley F. Malamed	Medical Emergencies in the Dental Office 7th ed	Mosby	2015
		5.	James W. Little	Dental Management of the Medically Compromised Patient	Elsevier, Mosby	2013
		6	Professors of the Department of Oral Surgery and the Department of Maxillofacial Surgery	Authorized and systematized lectures		
	22.2.	Additional literature				
		Ord. No.	Author	Title	Publisher	Year
		1.	Todorovikj Lj et al.	Orak Surgery	Beograd: Nauka	2007
		2.	Crispian Scully	Scully's Medical Problems in dentistry (Seventh Edition)	Churchill Livingstone /	2014
		3.	Miodrag Gavric	Maksilofacijalna hirurgija	Izdavacka agencija Draganic, Beograd	2004

Attachment No. 3		Course program for the first cycle of studies			
1.	Course title	Maxillofacial surgery			
2.	Code	DMMMS5			
3.	Study program	Dentistry - integrated first and second cycle of studies			
4.	Organizer of the study program (unit, i.e., institute, department, division)	UKIM - Faculty of Dentistry – Skopje, Department of Maxillofacial Surgery			
5.	Degree (first, second, third cycle)	Integrated First and Second Cycle Studies			
6.	Academic year/semester	Year	5 и 6	semester	10 и 11
7	Course workload expressed in ECTS credits	8			
8.	Teacher (in case of multiple teachers, designated teacher in charge)	Teacher in charge: Prof. Dr. Antonio Kirkov *All professors from the department give lectures			
9.	Language in which the curriculum is conducted	English			
10.	Necessary prerequisites for taking and passing the course	- Completed all mandatory fourth-year courses and passed all mandatory third-year courses. - Passed a written test and passed the courses in orthodontics, oral surgery, and oral medicine.			
11.	Course objectives (competences) and learning outcomes:	Acquiring broader knowledge of pathology within the domain of maxillofacial surgery. The students will acquire skills in taking anamnesis, clinical examination, making a diagnosis, as well as practical skills in providing first aid, dressings, bandages, sutures, immobilization of fractures, detection (early) of tumors, etc.			
12.	Detailed course content by chapters and units with learning outcomes for each chapter	Theoretical instruction - lectures Chapter 1 - Introduction to Maxillofacial Surgery Patient history and physical examination. Preoperative evaluation of the health status of patients with special reference to patients with compromised health. Management of hospital patients.....2 classes Basic principles of surgery. Aseptic techniques. Incision, hemostasis. Wounds, types of wounds, wound treatment - sutures (types). Healing of soft and bone structures 2 classes. Outcomes from chapter 1: the students will be introduced to the specifics of the history, physical examination, evaluation of the health status of patients, and the basic principles of surgery			