

1	Subject	Urgent dental care and patients of risk			
2	Code	DUR407			
3	Study Program	Study Program of Integrated studies in dental medicine			
4	Organizing Institution (Unit, Institute, Chair, Department)	Department of Maxillofacial Surgery Department of Oral Surgery			
5	Educational degree (first or second cycle)	Integrated study			
6	Study year/semester	4 / 7	7	Number of credits	3
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; Prof d-r Boris Velickovski; Prof D-r Meri Peeva; Prof D-r Oliver Dimitrovski.			
9	Preconditions	Passed all compulsory courses of 3 and 4 semester. Signatures of 5 and 6 semester courses			
10	Teaching goals: The student will gain basic knowledge about the most common emergencies in dental practice, how to prevent, recognize and follow up them.				
11	Brief content				
	Theoretical course				Class
	Understanding the most common causes of emergencies in dental practice, perioperative complications, morbidity and mortality. Chemical agents, methods and emergency equipment with procedures.				2
	Clinical Predictors of Increased Perioperative Cardiovascular RiskMedical. Management of the Surgical Patient; High-Risk-Patient Identification Strategies for Success and Preoperative Patient Questionnaire.				2
	Complications of prolonged unconsciousness, Syncope Differential Diagnoses, Orthostatic hypotension, Acute adrenal insufficiency.				2
	Respiratory Distress: airway obstruction, hyperventilation. Asthma, acute pulmonary edema.				2
	Altered consciousness and impaired awareness;spectrum of disorders; diabetes; hyperglycemia and hypoglycemia; thyroid dysfunction; Types of Endocrine Disorders				2
	Cerebrovascular accident; cerebral ischemia; cerebral infarction; ntracerebral hemorrhage or bleed; First aid for seizures.				2
	Drug allergy, other conditions resulting from drug allergy, risk factors and urgent calls. Overdose-what to do in an emergency.				2
	Chest pain, pathophysiology, predisposing factors. Management of Chest Pain in dental office. Acute myocardial infarction (heart attack). Cardiac arrest in dental practice. Cardiopulmonary resuscitation (CPR).				2
	Management and Care for Patients with End-Stage Renal Disease in dental practice.				2
	Dental Problems and Immune Deficient Patients Medication errors and guidelines with side effect of cytostatic therapy (admission, treatment)				2
	Assessment of Hepatic Impairment and Implications for dental medicine and office practice.				2
	Patients with bleeding disorders and its management in dental procedures.				2
	The treatment strategies of autoimmune disease: diagnosis and clinical management.				2
	Pregnancy and Dental Work: Safety & Medications				2
	Patients with neurological, psychiatric problems, alcoholism and drug addiction				2

	Total				2	
	Seminars				15	
	Elaboration of topics themes from the relevant material, presentation hold by the students and active involvement during discussion.				15	
12	Methods of studying: class room oriented lectures, interactive lectures, group work, practical training, seminar paper				2	
13	Total available time		90 classes			
14	Organization of the course		30 classes - theoretical course, 15 classes- seminars, 45 classes - home individual learning and other activities			
15	Forms of teaching activities	15.1.	Theoretical course		30 classes	
		15.2.	Practical course, seminars		Seminars- 15 classes	
16	Other forms of activities	16.1.	Project tasks			
		16.2.	Individual tasks			
		16.3.	Individual (home) learning		45 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 from theoretical 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	Stanley F. Malamed	Medical Emergencies in the dental office	Elsevier Inc.	2015
		2	Michael Miloro, GE	Peterson's Principles	Usa, Pmph	2011

			Ghali, Peter Larsen, Peter Waite; Peter Waite	of Oral and Maxillofacial Surgery, Third Edition			
		3	Subject Teacher Education	authorised lectures			
	22.2.	Additional literature					
		No.	Author	Title	Publisher	Year	
		1	Miodrag Gavric	Maksilofacijalna hirugija	Izdavacka agencija Draganic, Beograd	2004	