



Study program: Integrated Academic Studies in Dental Medicine			
Course title: Patients at Risk in Dental Medicine			
Teacher: Branislav V. Bajkin, Srećko D. Selaković			
Course status: optional			
ECTS Credits: 3			
Condition: -			
Course aim Acquiring knowledge necessary for planning and conducting dental therapy in medically complex patients. The importance of collaborating with specialists in other fields of medicine.			
Expected outcome of the course: Taking a detailed dental and general medical history and analysis of relevant laboratory and radiographic findings. Bringing together oral and general health. Recognition of oral manifestations of diseases that are not primarily related to the oral cavity. Knowledge of the effects of drugs on oral health. Dental treatment in medically complex patients. Recognition and management of emergencies in these patients			
Course description <i>Theoretical education</i>			
<ol style="list-style-type: none"> 1. Assessment of the risk of dental treatment depending on the intended intervention and general health of the patient. Medical history. Clinical examination of the head and neck and monitoring of vital function parameters. Analysis of laboratory and radiographic findings. 2. Blood-borne diseases and dental practice. HIV, hepatitis B and C. Oral manifestations of blood-borne diseases and specificities of dental treatment. Protecting healthcare professionals and patients. 3. Dental treatment of persons with cardiovascular diseases. Hypertension. Ischemic heart disease. Infectious endocarditis. Cardiac arrhythmia. Cardiomyopathy. 4. Dental treatment of individuals with respiratory diseases. Chronic obstructive pulmonary disease. Asthma. Tuberculosis. 5. Dental treatment of individuals with endocrine diseases. Diabetes. Thyroid disease. Adrenal insufficiency. 6. Dental treatment of individuals with liver failure. 7. Dental treatment of individuals with renal insufficiency. 8. Dental treatment of individuals with immune diseases and drug allergies. Oral manifestations of immunological diseases and allergic manifestations. Specific features of dental treatment for people with allergies to local anesthetics. 9. Dental treatment of individuals with organ transplants. 10. Dental treatment of individuals with haemostatic function disorder. Vasculopathies. Thrombocytopenias and thrombocytopenia. Haemophilia and von Willebrand disease. 11. Dental treatment of individuals taking anticoagulant and antiaggregation therapy. 12. Dental treatment of individuals with malignancies. Osteoradionecrosis. Osteonecrosis of the jawbone associated with the administration of certain drugs. 13. Dental treatment of individuals with neurological and psychiatric diseases. 14. Dental treatment for pregnant women. 15. Drug interactions of importance for dental practice 			
<i>Practical education:</i>			
<ol style="list-style-type: none"> 1. Dental treatment of individuals with impaired health - presentation of clinical cases 2. Dental treatment of individuals with impaired health based on the analysis of paper patients 			
Literature <i>Compulsory</i>			
1. Little JW, Falace D, Miller C, Rhodus NL. Dental Management of the Medically Compromised Patient. Elsevier, St Louis, 2012.			
Number of active classes		Theoretical: 15	Practice: 30
Teaching methods Lectures			
Student activity assessment (maximally 100 points)			
Pre-exam activities	points	Final exam	points
Lectures	20	Written	60

Practices	20	Oral	
Colloquium		
Essay			