



Study programme: Doctoral Academic Studies in Biomedical Sciences		
Course title: ORAL AND GENERAL HEALTH		
Teacher or teachers: Branislav V. Bajkin, Ivana M. Stojšin, Milanko Đ. Đurić, Bojan B. Petrović, Sanja B. Vujkov, Bojana R. Milekić, Ivana Ž. Gušić, Tanja J. Veljović, Jelena A. Mirnić, Miloš K. Čanković		
Course status: elective		
ECTS Credits: 20		
Condition: -		
Course aim The aim of the course is to familiarize students with current research which connects oral and general health. The students will have the opportunity to master knowledge in a wide range of topics which link oral and general health with respect to diagnostics and therapy, as well as interdisciplinary approach to research related to these issues.		
Expected outcome of the course Gaining knowledge in current diagnostic procedures in the oral cavity, laboratory and radiographic methods which connect oral and general health. In the scientific aspect, connecting oral manifestations of diseases which are not primarily related to the oral cavity, the impact of certain drugs on oral health, and dental treatment in medically complex patients.		
Course description <i>Lectures</i> <ul style="list-style-type: none"> - Saliva as a diagnostic medium - Soft tissue swab and biopsy in the methodology of clinical trials - Dental radiographic methods in the diagnostics of general diseases - Two-way connection between periodontitis and diabetes mellitus - Internal factors as causes of dental defects of erosive nature - Oxidative stress as a possible link between periodontitis and systemic diseases - Craniomandibular dysfunctions, existing knowledge and new concept - Diseases of the oral cavity and the HIV infection - Haemostasis disorders and oral health - Changes in the jaw bones caused by different diseases and drugs - Local anaesthetics in dentistry - Oral changes in chemotherapy patients - Prevention and treatment of oral diseases in medically compromised patients - Application of behavioural techniques in maintaining oral health <i>Practice classes</i> Seminar paper on a given topic		
Recommended literature <i>Compulsory</i> <ol style="list-style-type: none"> 1. Little JW, Miller C, Rhodus NL. Dental Management of the Medically Compromised Patient, 9th edition. St Louis:Elsevier, 2017. 2. Szumita RP, Szumita PM, eds. Hemostasis in Dentistry. Cham: Springer; 2018. 3. Malamed S. Handbook of Local anesthesia, 7th edition. St Louis:Elsevier;2020. <i>Additional</i> Literature will be recommended to students with each methodological unit covered in lectures.		
Number of active classes	Theory: 60	Practice: 45
Teaching methods: Lectures, seminar papers		
Student activity assessment (maximally 100 points) activity in lectures: 15 activity in practice classes: 20 seminar paper: 15 written exam: 50		