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| Study program: Integrated integrated studies in dentistry | | | | |
| Type and level of the study program: integrated academic studies | | | | |
| Course title: Risk diseases in dentistry (DV-RISK) | | | | |
| Teacher (name, middle initial, surname): Sinisa Mirkovic, Branislav V Bajkin, Ivan Sarcev | | | | |
| Course status: optional | | | | |
| ECTS Credits: 3 | | | | |
| Condition: - | | | | |
| Course aim Acquiring knowledge on risk diseases and conditions in the field of oral pathology. | | | | |
| Expected outcome of the course: Management of oral pathology by working in a multidisciplinary team composed of the dentist and other specialists in medicine and dental medicine. Mutual creation of protocol procedures for team-based care that would provide minimum risk for the patient | | | | |
| Course description <i>Theoretical education</i> 1. Introduction. Definition of risk patient in dentistry. Legal and medical aspects of work with high-risk patients in dental medicine 2. Infectious diseases and dentistry. Hepatitis, HIV; Protection of medical staff, disposal of used instruments and sterilization procedures. Medical waste disposal. Protective equipment. Post-exposure prophylaxis. 3. Manifestations of infectious diseases in the mouth. Hepatitis, HIV, syphilis, herpes; Clinical features and diagnosis; Specific treatment of oral diseases; Consultation and planning further dentistry procedures. 4. Patients with drug allergies. Diagnosis of allergy; Allergy to local anesthetics, preservatives, acrylic and other materials used in dentistry; protocol of working with patients allergic to local anesthetics. 5. Allergies and immunology diseases of the oral cavity. 6. Premalignant lesions in the maxillofacial region. Clinical features, diagnosis, early identification, treatment and the course of the disease. 7. Tumors of the maxillofacial region. Specificities of postoperative rehabilitation course and the treatment of teeth diseases. Specificity of patients on cytostatic therapy and after radiation treatment of maxillofacial region. 8. Patients with cardiovascular diseases. Working protocols, methods and procedures of management. 9. Haemostatic disorders. The patients receiving anti-coagulation treatment; Hemophilia; Thrombocytopenia; Liver diseases; Patients on dialysis 10. Excessive bleeding after dental surgery. Suspect haemostatic disorders, prevention and procedures in case of fatal complications (hypovolemic shock). Fluid and electrolyte replacement. 11. Patients with special needs. Specificities of working under general anesthesia and specificities of dental procedures. 12. Patients with endocrinological disorders. Thyroid gland disorders, insulin dependent diabetes. 13. Patients with diabetes. Specificities of oral surgery planning in most complicated cases. 14. Psychical disorders, addictive diseases. 15. Risk pregnancy. <i>Practical education: exercises, other forms of education, research related activities</i> Demonstration of patients with risk diseases. | | | | |
| Literature <i>Compulsory</i> 1. Little JW, Falace D, Miller C, Rhodus NL. Dental Management of the Medically Compromised Patient. Elsevier, St Louis, 2012. <i>Additional -</i> | | | | |
| Number of active classes | | | | Other: |
| Lectures: 30 | Practice: 15 | Other types of teaching: / | Research related activities: / | / |
| Teaching methods Lectures | | | | |
| Student activity assessment (maximally 100 points) | | | | |
| Pre-exam activities | Points | Final exam | | Points |
| Lectures | 40 | Written | | 60 |
| Practices | | Oral | | |
| Colloquium | | | | |
| Essay | | | | |