

Study program: Integrated Academic Studies in Dental Medicine			
Course title: Anaesthesia with Perioperative Medicine			
Teacher: Biljana Drašković, Ljiljana Gvozdenović, Anna Uram-Benka, Gordana Jovanović, Arsen Uvelin, Izabella Fabri Galamboš, Teodora Božić, Radmila Popović			
Course status: Compulsory			
ECTS Credits: 2			
Condition: Passed exams of internal medicine, general and special pharmacology			
Course aim Training future dentist in the field of preoperative preparation and evaluation of surgical patients. Inform students on the techniques of general and regional anesthesia. Therapy of acute and chronic pain. Complications and allergic reactions. Cardiopulmonary resuscitation.			
Expected outcome of the course: Preoperative evaluation and preparation of surgical patients. Specificities of general and regional anesthesia. Assessment and therapy of acute and chronic pain. Cardiopulmonary resuscitation in all age categories and specific clinical conditions. Securing of airways and venous pathways. Other methods of drug administration.			
Course description <i>Theoretical education</i> <ol style="list-style-type: none"> 1. Preoperative preparation of the patient. 2. Modalities of general anesthesia; anesthetics and drugs used during general anesthesia; complications of general anesthesia and postoperative monitoring 3. Sedation and analgosedation 4. Acute and chronic pain and appropriate therapy 5. Allergic reactions and therapy 6. Shock (definition, classification, stages, treatment); Sepsis (definition, classification, stages, treatment); 7. Intravenous pathways (types, techniques, equipment, complications) 8. Basic and advanced resuscitation measures (2 hrs) 9. Airways (methods and instrumentation for securing airways, complications) (2 hrs) <i>Practical education</i> <ol style="list-style-type: none"> 1. Algorithm of preoperative preparation 2. Intravenous pathways (types, techniques, equipment, complications) 3. Intramuscular and other types of drug administration 4. Airways – practicing using simulation mannequins 5. Monitoring of patients in general anesthesia and analgosedated patients 6. Assessment and therapy of acute and chronic pain 7. CPR in adults 8. CPR in children 			
Literature <i>Compulsory</i> <ol style="list-style-type: none"> 1. Drašković B. Anaesthesia and perioperative medicine 2019. 			
Number of active classes		Theoretical classes: 15	Practical classes: 15
Teaching methods			
Student activity assessment (maximally 100 points)			
Pre-exam activities	points	Final exam	points
Lectures	15	Written	
Practices	25	Oral	40
Colloquium		Practical	20
Essay			