

<b>Study program:</b> Dentistry			
<b>Type and level of the study program:</b> Integrated academic studies			
<b>Course title:</b> Anaesthesia and perioperative medicine (DIII-APM)			
<b>Teacher:</b> Gvozdenović V. Ljiljana, Drašković B. Biljana, Jovanović V. Gordana, Popović N. Radmila, Radovanović R. Dragana, Uvelin A. Arsen, Uram Benka S. Ana, Fabri Galamboš M. Izabela, Popović N. Radmila			
<b>Course status:</b> Compulsory			
<b>ECTS Credits:</b> 2			
<b>Condition:</b> Internal medicine; General pharmacology; Special pharmacology			
<b>Course aim</b> 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. Cardiopulmonary resuscitation.			
<b>Expected outcome of the course:</b> 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. Algorithm of preoperative preparation. Assessment of postoperative pain and appropriate therapy.			
<b>Course description</b> <i>Theoretical education</i> 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: exercises, other forms of education, research related activities</i> 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			
<b>Literature</b> <i>Compulsory</i> 1. Allman K, Wilson I, O'Donnell. Oxford handbook of anaesthesia. Oxford University Press 2011. <i>Additional</i> -			
<b>Number of active classes</b>			Other:
Lectures: 15	Practice: 15	Other types of teaching:  Research related activities:	
<b>Teaching methods</b>			
<b>Student activity assessment (maximally 100 points)</b>			
<b>Pre-exam activities</b>	<b>points</b>	<b>Final exam</b>	<b>points</b>
Lectures	15	Written	
Practices	25	Oral	40
Colloquium		Practical	20
Essay			