

<b>Study program:</b> Integrated Academic Studies in Medicine			
<b>Course title:</b> Emergency Medical Conditions in Internal Medicine			
<b>Teaching professor:</b> Dušanka S. Obradović, Ivan Š. Kopitović, Jovan A. Matijašević, Igor Đ. Ivanov, Ilija Lj. Srdanović, Ivana A. Bajkin, Tijana S. Ičin, Željka S. Savić, Ivanka Perčić, Borivoj Sekulić			
<b>Course status:</b> elective			
<b>Number ECTS:</b> 3			
<b>Condition:</b> Internal medicine			
<b>Aim of the course:</b> Acquainting students with the early identification and therapy of critically ill patients in internal medicine.			
<b>Outcome of the course:</b> Training students in identifying critically ill patients and providing them adequate treatment measures			
<b>Course content</b>			
<i>Theoretical education</i>			
1. Identifying critical ill patients (implementation of the score systems (early warning systems-EWS). 2. Sock patophysiology, oxygen transport and delivery. 3. Cardiogenic shock, systolic and diastolic dysfunction of the left heart. 4. Acute myocardial infarction. 5. Arrhythmias, dissection of the aorta. 6. Hypertensive urgencies, acute cardiogenic edema. 7. Severe community acquired pneumonia. 8. Severe asthma. 9. Acute respiratory distress syndrome (ARDS). 10. Pulmonary embolism. 11. Severe sepsis, septic shock and multiple organ dysfunction (MODS). 12. Acute renal insufficiency. 13. Hypoglycemia, Diabetic ketoacidosis, Hyperosmolar coma. 14. Mixedematous coma – Thyrotoxicosis. 15. Hepatic insufficiency acute, chronic, Acute pancreatitis			
<i>Practical education</i>			
Bedside teaching			
<ul style="list-style-type: none"> <li>– Ventilation, gas exchange, pulmonary circulation</li> <li>– Principles of mechanical ventilation</li> <li>– Noninvasive ventilation</li> <li>– Solving and regulation of acid-base disturbances, solving and regulation of electrolytes disbalance</li> <li>– Renal replacement therapy</li> <li>– Gastrointestinal bleeding</li> <li>– Acute bleeding and thrombosis-hemostatic disorders</li> </ul>			
<b>Literature:</b>			
<i>Compulsory:</i>			
1. Marino PL. The ICU book. Wolters Kluwer 2016			
<b>Number of active teaching hours</b>		<b>Theoretical classes: 15</b>	<b>Practical classes: 30</b>
Teaching methods			
Power point presentation theoretical classes , compulsory including case reports			
<b>Student's activity assessment (points (maximum 100 points))</b>			
Pre-exam activities	<b>points</b>	Exam	<b>points</b>
<i>Activity in theoretical classes</i>	20	Written exam	40
<i>Bedside teaching</i>	20	Oral exam	
Colloquium		.....	
Seminar papers	20		