

University of Niš Faculty of Medicine	Study program: INTEGRATED ACADEMIC STUDIES OF MEDICINE <i>ACCREDITATION 2018</i>											
Course: Emergency medicine												
Course head: prof. dr Vesna Marjanović												
Course status:	Required											
Semester: XI	Study year: VI											
ECTS: 4	Course code: M-VI-51											
Course purpose:												
Students should learn about the immediate treatment of acute cardiac arrest, i.e. basic and extended measures of cardiopulmonary reanimation. Students will learn about the immediate treatment of accidental conditions, basic therapy of shock, oxygen therapy, fluid therapy.												
Course outcome (knowledge, skills, attitudes)												
Future doctors will learn to react adequately and help the patients requiring urgent management.												
No. of classes of active teaching: 60												
Lectures: 30	Practice: 20	OFT: 10										
Course content												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" data-bbox="272 837 1318 875" style="text-align: left;">3. OFT</th> </tr> </thead> <tbody> <tr> <td data-bbox="272 875 336 1010" style="width: 5%;">1.</td> <td data-bbox="336 875 1318 1010">Acute cardiac arrest, basic and extended measures of life support, CPR in children and newborns, supraglottic tools of the patency of airways, endotracheal intubation, patency provision of obstructed airways, mechanical ventilation – dummy dolls in the Simulation center</td> </tr> <tr> <td data-bbox="272 1010 336 1084">2.</td> <td data-bbox="336 1010 1318 1084">Cardiac rhythm disorders, manual defibrillator pacing - dummy dolls in the Simulation center</td> </tr> <tr> <td data-bbox="272 1084 336 1158">3.</td> <td data-bbox="336 1084 1318 1158">Acute abdominal pain, acute bowel obstruction (evaluation, differential diagnosis) - dummy dolls in the Simulation center</td> </tr> <tr> <td data-bbox="272 1158 336 1227">4.</td> <td data-bbox="336 1158 1318 1227">Epilapsy and convulsions: delirium and acute confusion states: ischaemic brain stroke, transient ischaemic attack - dummy dolls in the Simulation center</td> </tr> </tbody> </table>			3. OFT		1.	Acute cardiac arrest, basic and extended measures of life support, CPR in children and newborns, supraglottic tools of the patency of airways, endotracheal intubation, patency provision of obstructed airways, mechanical ventilation – dummy dolls in the Simulation center	2.	Cardiac rhythm disorders, manual defibrillator pacing - dummy dolls in the Simulation center	3.	Acute abdominal pain, acute bowel obstruction (evaluation, differential diagnosis) - dummy dolls in the Simulation center	4.	Epilapsy and convulsions: delirium and acute confusion states: ischaemic brain stroke, transient ischaemic attack - dummy dolls in the Simulation center
3. OFT												
1.	Acute cardiac arrest, basic and extended measures of life support, CPR in children and newborns, supraglottic tools of the patency of airways, endotracheal intubation, patency provision of obstructed airways, mechanical ventilation – dummy dolls in the Simulation center											
2.	Cardiac rhythm disorders, manual defibrillator pacing - dummy dolls in the Simulation center											
3.	Acute abdominal pain, acute bowel obstruction (evaluation, differential diagnosis) - dummy dolls in the Simulation center											
4.	Epilapsy and convulsions: delirium and acute confusion states: ischaemic brain stroke, transient ischaemic attack - dummy dolls in the Simulation center											
Recommended literature:												
<ol style="list-style-type: none"> 1. Anestziologija, P. Lalević, Zavod za udžbenike i nastavna sredstva, Beograd, 1999. 2. Ilić S. Interna medicina. Prosveta, Niš, 2004. (tom I i II) 3. Radojičić B. Osnovi kliničke neurologije, Zavod za izdavanje udžbenika Beograd, 2003. 4. Lalević P, Borzanović M, Stevanović V. Kardiopulmonalna cerebralna reanimacija. Zavod za izdavanje udžbenika Beograd, 2008. 5. Kalezić N. Inicijalni tretman urgentnih stanja u medicini. CIBID, Beograd, 2016. 6. Newton Ch, Khare R. Urgentna medicina brzi pregled. Besjeda, Banja Luka, 2010. 												
Teaching methods:												
Lectures, small group work, individual teaching, consultations												
Required previously passed exams:												
<ul style="list-style-type: none"> ▪ Pediatrics ▪ Gynecology with obstetrics ▪ Surgery 2 ▪ Neurology 												
Grade (max. 100 points)												
Pre-exam obligations												
<ul style="list-style-type: none"> ▪ Activity at classes: 0 – 10 points ▪ Aktivnost na OFT: 0 – 10 points ▪ Practical exam: 0 – 30 points 												
Final exam												
<ul style="list-style-type: none"> ▪ Oral exam: 0 – 50 points 												