

## CLINICAL CLERKSHIP - EMERGENCY DEPARTMENT

### COURSE OUTLINE

<b>LEVEL OF STUDIES</b>	<i>Undergraduate</i>		
<b>COURSE CODE</b>	<b>CC-OR</b>	<b>SEMESTER</b>	11 <sup>th</sup> – 12 <sup>th</sup>
<b>TEACHING ACTIVITIES</b>		<b>WEEKLY TEACHING HOURS</b>	<b>ECTS Credits</b>
Practical Training		40 * 3 weeks	6
<b>No of Teaching Hours: 120</b>			
<b>PREREQUISITES</b>	Theoretical course in Emergency Medicine		
<b>(URL) of course</b>	-		
<b>LEARNING OUTCOMES</b>			
<p>Development of clinical skills, mainly in clinical examination, ventilation, mechanical ventilation, venous catheter placement, use of monitors and defibrillator, wound suturing, multi-trauma management.</p> <p>Clinical training required for Specialized Life Support and Specialized Support for multi-trauma.</p> <p>Students are trained both as Leaders and as members of the Medical Emergency Team.</p> <p>Students are trained to respect patients, to alleviate their pain and inability, in taking records, giving instructions and dealing with difficult situations (hyperactive or aggressive patients or escorts, communicating unpleasant news, announcement of patient's death)</p>			
<b>COURSE CONTENT</b>			
<ul style="list-style-type: none"> <li>• Basic principles of Emergency Medicine</li> <li>• Emergency Medical Care Systems (acquaintance with the medical emergency team –the National Center for Emergency Care (EKAV)- and the operation of the Coordination Center and Ambulances)</li> <li>• Principles of basic and specialized life support</li> <li>• Approaching patients with life-threatening conditions</li> <li>• Acute defects of organs and systems</li> <li>• Basic principles in dealing with the multiple traumas</li> <li>• Training in clinical examination of trauma and non-trauma</li> <li>• Training in simple routine invasive procedures (venepuncture, placement of venous catheters, nasogastric tubes, urinary catheters, arterial blood sampling, etc.)</li> <li>• Training in Simple Device Operation (Sphygmomanometers, Oximeters, I.V infusion sets, Transfusion, Blood Gas Analysis)</li> <li>• Training in the operation and use of diagnostic, monitoring and support devices (ultrasound, Monitors, defibrillators, respirators)</li> <li>• Training in history taking, evaluation of patient signs and symptoms, ordering and</li> </ul>			

evaluating appropriate lab tests and radiographies, history writing, building diagnostic thinking and writing a diagnostic and treatment plan. Training in the drafting, description, recording and communicating discharge instructions to the patient or his / her family members

<b>TEACHING METHOD</b>	Lectures, practical seminars (Hands – on practice), interactive presentation of cases, participation in the meetings / case discussion and critical review (audits).	
	<b>ACTIVITY</b>	<b>WORK LOAD</b>
	8 interactive lectures (2 hours each)	8 x 2 = 16 hours
	8 clinical trainings (3-hours each)	8 x 3 = 24 hours
	8 clinical case conferences (one hour each)	8 x 1 = 8
	9 on-duty practice in the Emergency Department (8 hours each)	9 x 8 =72 hours
	TOTAL	<b>120</b>
<b>STUDENT ASSESSMENT</b>	<p>Presentation and critical review of cases in case conferences</p> <p>Written exam (short-answer questions)</p>	