

Name of the course	Clinical Rotation: Surgery			Code	MSE607
Type of study program:	Integrated university study program, Medicine			Year of study:	6
Credits (ECTS):	5	Semester:	XII	Number of hours per semester (l+s+e):	100 (0+20+80)
Status of the course:	obligatory	Preconditions:	Passed all the 5th year exams	Comparative conditions:	/
Access to course:	Sixth year students			Hours of instructions:	According to schedule
Course teacher:	Vedran Dragišić, MD, PhD				
Consultations:	As agreed with students				
E-mail address and phone number:	vedrandragisic@gmail.com , +38763297914				
Associate teachers	<ul style="list-style-type: none"> - Prof. Boris Jelavić, MD, PhD - Prof. Antonio Sesar, MD, PhD - Prof. Irena Sesar, MD, PhD - Prof. Nikica Šutalo, MD, PhD - Prof. Mario Jurić, MD, PhD - Prof. Vlatka Martinović, MD, PhD - Assoc. prof. Josip Mišković, MD, PhD - Assist. prof. Zoran Trninić, MD, PhD - Assist. prof. Goran Lakičević, MD, PhD - Maki Grle, MD, PhD 				
Consultations:	As agreed with students				
E-mail address and phone number:					
The aims of the course:	<p>The aims of the course are to introduce students with the following:</p> <ul style="list-style-type: none"> - Recognizing emergency surgical conditions and diagnosis - Preparing the patient for emergency surgery - Performing emergency surgical techniques and repairing injuries 				
Learning outcomes (general and specific competences):	<p>General outcomes:</p> <ul style="list-style-type: none"> - Understanding the organization of the Surgery Department, principles of work at the Department, Specialist Outpatient Clinics, Sterilization Unit and Operating Rooms <p>Specific outcomes:</p> <ul style="list-style-type: none"> - Understanding and applying history taking and writing, clinical examination of a surgical patient - Applying the skills in the surgical outpatient clinic - Applying the skills in an emergency surgical outpatient clinic- surgical triage - Assisting during surgery - Principles of primary and secondary wound treatment - Casts and wound dressings - Placement of urinary catheters, intravenous catheters and nasogastric tubes 				
Course content (Syllabus):	<p>The course consists of seminars, exercises and final exam. The greatest part of the course is dedicated to the practical work in surgical emergency room, surgical clinic, operation room and surgical ward. Students also attend the clinical rounds and staff meetings.</p> <p>The topics of seminars are listed below: Acute abdomen; Emergencies in abdominal surgery; Emergencies in thoracic surgery; Emergencies in cardiovascular surgery; Burns and frostbites; Polytrauma; Emergencies in orthopedic surgery; Emergencies in neurosurgery; Pediatric surgery emergencies; ENT emergencies; Emergencies in ophthalmology. Exercises consist of practical work with supervision.</p>				
Format of instruction (mark in bold)	Lectures	Exercises (clinical practice)	Seminars	Independent assignments	
	Consultations	Work with mentor	Field work	Other	
Student responsibilities	<p>Attending and active class participation. Students will be evaluated based on active participation in seminars and exercises and applying theoretical knowledge in the clinical settings.</p>				

Screening student work (mark in bold)	Class attendance	Class participations	Seminar essay	Practical training
	Oral exam	Written exam	Continuous assessment	Essay
Detailed evaluation within a <i>European system of points</i>				
STUDENTS RESPONSIBILITIES	HOURS	PROPORTIONS OF ECTS CREDITS	PROPORTIONS OF GRADE	
Class (seminar) attendance and participation	20	0.7	0%	
Practical training and work with supervision	80	2.7	0%	
Seminar essay	10	0.3	50%	
Oral exam	40	1.3	50%	
Total	150	5	100%	
Further clarification: The exam is oral. All those students who weren't absent from classes have the right to approach to the exam. The final evaluation is descriptive (pass/fail).				
Required literature:	Doherty, G. M. (2020). Current Diagnosis and Treatment Surgery, 15th Edition, McGraw-Hill Education.			
Optional literature:	Townsend, C. M. (2021). Sabiston Textbook of Surgery E-Book: The Biological Basis of Modern Surgical Practice, Elsevier Health Sciences.			
Additional information				

Annexes: calendar classes

The number of teaching units	TOPICS AND LITERATURE
I.	Title: Emergencies in Pediatric Surgery
	Short description: incarcerated hernia, pylorostenosis, acute scrotum
	Literature: required and optional
II.	Title: Emergencies in Cardiovascular Surgery
	Short description: thrombosis, aortic aneurysms, heart tamponade
	Literature: required and optional
III.	Title: Emergencies in Abdominal surgery
	Short description: Acute abdomen, ileus, acute inflammatory diseases of the abdominal cavity
	Literature: required and optional
IV.	Title: Thorax emergency conditions
	Short description: pneumothorax, traumatic injuries of the chest
	Literature: required and optional
V.	Title: Emergencies in Neurosurgery
	Short description: Subdural and epidural hematoma, CNS bleeding
	Literature: required and optional
VI.	Title: Emergencies in Orthopedics
	Short description: fractures of the locomotor system, dislocations
	Literature: required and optional
VII.	Title: Emergencies in Ophthalmology
	Short description: foreign body in the eye, traumatic perforation injuries
	Literature: required and optional
VIII.	Title: Emergencies in ENT and Maxillofacial Surgery
	Short description: foreign bodies, traumatic injuries
	Literature: required and optional
IX.	Title: Polytrauma
	Short description: Polytrauma
	Literature: required and optional
X.	Title: Burns and frostbites
	Short description: Burns and frostbites
	Literature: required and optional