EMERGENCY CONDITIONS IN MEDICINE - PROFESSIONAL PRACTICE

SIXTH YEAR OF STUDIES

School year 2023/2024.

Subject:

EMERGENCY CONDITIONS IN MEDICINE - PROFESSIONAL PRACTICE

The course is evaluated with 5 ECTS. There are 13 hours of active classes per week
(3 hours of lectures and 9 hours of practice in a small group).

TEACHERS:

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COURSE STRUCTURE:

Module	Name of the module	Week	Lectures weekly	Work in a small group per week	Teacher
1.	Internal medicine, Pediatrics, Infectious diseases, Neurology	8	3	9	Assistant professor Rada Vucic
2.	Surgery, Otorhinolaryngolgy, Ophthalmology, Psychiatry	7	3	9	Assistant professor Rada Vucic
Σ45+150=195					

ASSESSMENT: The student masters the subject in modules. The grade is equivalent to the number of points earned (see tables). Points are earned in two ways:

ACTIVITY DURING THE LESSON: Each department can, at its own discretion, partially or fully organize "exercises" in the form of "on-call hours", so that the equivalent time is calculated, e.g. 24 hours of exercises can be replaced by 3 eight-hour shifts. The readiness and education of students for working with patients in solving emergency situations will be assessed during exercises/on-call. In this way, the student can gain 0-2 points per week, up to a maximum of 30 points during the semester. Students should have a record card for the record of exercises, which can be obtained from the elementary teaching service.

FINAL MODULE EXAMS: In this way, the student can gain up to 70 points, according to the attached table.

Module	Name of the module	MAXIMUM POINTS		
		activity during the lesson	**final module exams**	**Σ**
1.	Internal medicine, Pediatrics, Infectious diseases, Neurology	16	40	**56**
2.	Surgery, Otorhinolaryngolgy, Ophthalmology, Psychiatry	14	30	**44**
Σ		**30**	**70**	**100**

The final grade is determined as follows:

In order for a student to pass the course, they must accumulate a minimum of 51 points, pass all modules, and pass the final oral exam.

To pass a module, a student must:

1. Score more than 50% of the points allocated for that module.
2. Earn more than 50% of the points designated for participation in classes within each module.
3. Pass the test for that module, meaning they have more than 50% correct answers

број стеченихпоена	**оцена**
0 - 50	**5**
51 – 60	**6**
61 – 70	**7**
71 – 80	**8**
81 – 90	**9**
91 - 100	**10**

CONSULTATIVE TEACHING: In agreement with the assistant for a given thematic unit.

FINAL MODULE EXAMS

MODULE 1.

FINAL EXAM
0-40 POINTS

EVALUATION OF FINAL EXAM
The test has 40 questions
Each question is worth 1 point

MODULE 2.

FINAL EXAM
0-30 POINTS

EVALUATION OF FINAL EXAM
The test has 30 questions
Each question is worth 1 point

WEEKLY COURSE SCHEDULE

COURSE	WEDNESDAY
EMERGENCY MEDICAL CONDITIONS (3+5)	**LECTURES** **08:00-10:15** (Hall at the Pediatric Clinic) **PRACTICE** **10:30-15:00** (Internal Clinic)

LITERATURE:

module	the name of the textbook	authors	publisher	In the library
Internal Medicine	INTERNAL MEDICINE 1	Prof. Dr. Dragoljub Manojlović and colleagues	University of Belgrade, Faculty of Medicine	yes
Pediatrics	EMERGENCIES IN PREDIATRIC	Prof. Dr. Jasmina Knežević and colleagues	University of Kragujevac	yes
Neurology	NEUROLOGY	Kostić et al	University of Belgrade, Faculty of Medicine	yes
Surgery	BASICS OF NEUROLOGICAL EXAMINATION	Editor Prof. Dr. Živan Maksimović	University of Belgrade, Faculty of Medicine	yes
Infective diseases	SURGERY FOR MEDICAL STUDENTS	M. Božić et al.	Faculty of Medicine in Belgrade	yes
Psychiatry	INFECTIVE DISEASES	S. Đukić Dejanović and associates	Faculty of Medical Sciences, Kragujevac	yes
Ophthalmology	PSYCHIATRY	S. Golubović et al	University of Belgrade, Faculty of Medicine	yes
Otorhinolaryngology	OPHTHALMOLOGY	Prof. Dr. Bozidar Stanisavljević	Faculty of Medical Sciences, Kragujevac	yes
Internal and surgical branches	OTORHINOLARINGOLOGY	Mileta Poskurica et al.	University of Kragujevac, Medical	yes

All lectures are available on the website of the Faculty of Medical Sciences: www.medf.kg.ac.rs

PROGRAM:

FIRST MODULE

TEACHING UNIT 1 (FIRST WEEK):

INTERNAL MEDICINE-CARDIOLOGY

lectures 4 hours	Practice 10 hours
• Acute cardiac arrest and cardiopulmonary resuscitation • Sudden cardiac death • Acute pulmonary edema • Acute coronary syndrome • Malignant heart rhythm disorders • Acute heart decompensation • Hypertensive crisis	• Familiarity with the basic principles of cardiopulmonary resuscitation • Recognition of malignant heart rhythm disorders on the ECG and therapeutic approach • Visit to the resuscitation room of the Emergency Center and familiarization with the equipment for carrying out cardiopulmonary resuscitation • Diagnostic procedures in acute coronary syndrome • Recognition ischemia on ECG or monitor • Recognition the signs of aortic dissection • Adopt the basic therapeutic principles in terms of the use and dosage of antiplatelet, anticoagulant, fibrinolytic and other symptomatic therapy, as well as another modality of care for acute coronary syndrome in the form of percutaneous coronary interventions • Recognize the clinical picture of heart failure and the therapeutic approach • Algorithm in the treatment of pulmonary edema

TEACHING UNIT 2 (SECOND WEEK):

INTERNAL MEDICINE-CARDIOLOGY

• Acute exacerbation of chronic respiratory insufficiency (HRI) • Hemoptysis • Pulmonary thromboembolism • ARDS	• Learn about the aggravating factors and clinical manifestations of acute exacerbation of HRI. • Learn how to interpret gas analysis, recognize symptoms and signs of hypoxemia and hypercapnia. • Principles of oxygen therapy • Therapeutic approach in worsening HRI • Indications for non-invasive and invasive mechanical ventilation • Presentation of a patient with pulmonary embolism • Analysis of tests necessary for proper dosing of anticoagulant drugs • Clinical presentations and therapeutic approach in ARDS • Interpret the chest X-ray • Determine the existence of free fluid in the pleural cavity and perform a pleural puncture • Recognize the signs of pneumothorax

TEACHING UNIT 3 (THIRD WEEK):

INTERNAL MEDICINE/NEPHROLOGY/GASTROENTEROLOGY

• Acute renal failure • Differential diagnosis of hematuria • Urgent conditions in electrolyte, fluid and acid-base balance disorders • Differential diagnosis of abdominal pain • Acute liver failure syndrome • Hepatorenal syndrome	• The most important symptoms and signs of ABI • Treatment of patients with ABI • Treatment of patients with nephritic syndrome Diagnostic algorithm for ABI • Analysis of ABI complications • Monitoring of patients with ABI • Treatment of acute renal failure: treatment of hyperkalemia • Clinical characteristics of acute nephritic syndrome. Indications for acute hemodialysis in patients with ABI • Differential diagnosis of acute abdominal pain Recognize symptoms, signs and complications of ulcer disease • Learn the emergency conditions of pancreatic disease such as bleeding, rupture, infection in the field of pseudocosta in acute pancreatitis • Recognize clinical manifestations and therapeutic approach in patients with hepatic coma.

UNIT 4 (FOURTH WEEK):

INTERNAL MEDICINE-ENDOCRINOLOGY/HEMATOLOGY

• Acute complications of diabetes (ketoacidosis, non-ketogenic hyperosmolar coma, hypoglycemia) • Addison's crisis • Pheochromocytoma • Acute hemorrhagic syndrome • Transfusion of blood and blood derivatives	• Introducing students to the criteria for acute complications of diabetes and the most common causes (the most important symptoms and signs of the disease, diagnostic algorithms for additional testing, principles of treatment of acute complications of DM) • The most important symptoms and signs, the diagnostic algorithm for examination and the basic principles of treatment of hypocotricism patients The most important symptoms and signs, the diagnostic algorithm for examination and the basic principles of treatment of patients with pheochromocytoma • Acquaintance with the basic manifestations of hemorrhagic syndrome • Familiarity with the basic diagnostic procedures and therapeutic modalities used in the diagnosis and treatment of hemorrhagic syndromes • Treatment of patients with hemorrhagic syndrome Acquaintance with indications, contraindications and adverse reactions during transfusion of blood and blood derivatives

UNIT 5 (FIFTH WEEK):

PEDIATRICS

• Pediatric cardiopulmonary resuscitation • Acute rhythm disorder in children • Acute poisoning in children • Acute respiratory failure in children	• Introducing students to the causes of cardiopulmonary arrest in children and the specifics of cardiopulmonary resuscitation • Opening the upper airways and introducing an air-way • Artificial ventilation • Heart massage • Acquaintance of students with the most common rhythm disorders in children, ECG monitoring and therapeutic approach • Acquaintance of students with signs of acute respiratory insufficiency and treatment • Foreign body in the respiratory tract

UNIT 5 (FIFTH WEEK):

PEDIATRICS

• Acute gastroenterocolitis in children • Acute exacerbation of asthma in children • Hemorrhagic syndrome in children • Acute neurological disorder in children	• Introducing students to the most common causes of acute gastroenterocolitis as well as the principles of rehydration in children • Placement of a nasogastric tube • Recognition and therapeutic approach in acute severe asthma attacks • Administration of oxygen - nasal catheter and mask • Placement of pulse oximeter and monitor • Use of a nebulizer • The most common causes of hemorrhagic syndrome and therapeutic approach • Clinical picture and approach to patients with acute neurological disorders in children • Neurological examination of the child and meningeal signs

UNIT 7 (SEVENTH WEEK):

INFECTIVE DISEASES

• Sepsis. Infections of the central nervous system. Snake bite and insect sting.	• Introducing the student to the pathogenetic mechanism of sepsis and septic shock and the principles of empiric antibiotic therapy • Getting to know the clinical symptoms and clinical signs of meningeal syndrome and the principles of anti-edematous therapy • Principles of lumbar puncture and care of patients with neuroinfection • Acquiring knowledge about the most common poisonous snakes in our region, and getting to know the pathogenesis of local changes and systemic manifestations after the bite of poisonous snakes • Application of antiviperinum serum • Basic principles of desensitization and application of animal serum • Treatment of patients with anaphylactic shock

UNIT 8 (EIGHTH WEEK):

NEUROLOGY

• Coma • Acute stroke • Epileptic status	• Takeing anamnesis (heteroanamnesis) and a focused physical examination in an emergency patient • Examine the patient's state of consciousness • Scales for assessing the depth of coma • Perform a neurological examination • Perform meningeal signs • Recognition of patients with intracerebral hemorrhage • Differential diagnosis and therapy of different types of stroke • Clinical picture, differential diagnosis with of patients with serial epileptic seizures, therapy

SECOND MODULE

UNIT 9 (NINTH WEEK):

SURGERY

• Cardiopulmonary resuscitation • Hypovolemic shock • Balance of water and electrolytes	• Master the knowledge about the distribution of body water in an adult surgical patient and the balance of water in the body • Recognition basic facts about disorders of water and electrolyte exchange. The student masters the interpretation of arterial gas analysis • Recognition acid-base balance disorders • Level I - basic resuscitation, Mastering the skills of airway control, artificial respiration and circulatory support • Demonstration of advanced resuscitation measures. Demonstration of the heart muscle defibrillator. Demonstration of the principle of prolonged resuscitation - assessment of brain functions • Recognition of shock of different etiology, differential diagnosis • Recognition of disorders of the heart pump and peripheral circulation • Identifying the factors that cause it hypovolemia: loss of blood, water and/or electrolytes

UNIT 10 (TENTH WEEK):

SURGERY

• Bleeding from the gastrointestinal tract • Acute abdomen • Treatment of multisystem injuries • Abdominal and pelvic injuries • Surgical treatment of the wound • Thermal injuries and burns	• The student acquires knowledge about the etiology of diseases of the stomach and duodenum, clinical presentation, differential diagnosis and treatment modalities for bleeding from the digestive tract. • The student acquires knowledge about the definition of acute abdomen, etiology, and clinical presentation, differential diagnosis and treatment modalities of acute abdomen. • The student acquires knowledge about the management of multisystemic injuries • Determine the existence of free fluid in the abdomen • Determine the existence of peritoneal irritation (list the most important signs) • Check for signs of ileus • The student acquires knowledge of surgical shaving • Clinical picture of extensive burn and stages of development • Treatment of burns

UNIT 10 (TENTH WEEK):

SURGERY

• Craniocerebral injuries • Chest injuries • Injuries of the genitourinary tract • Renourethral colic	• Classification of craniocerebral injuries • Fractures of the base of the skull • Determining the disturbance of the state of consciousness according to the Glasgow Coma Scale • Examine a polytraumatized patient with a disturbed state of consciousness and prepare for transport • Diagnostics of craniocerebral injuries • Treatment of the wound and its surroundings in the hairy part of the head • Removal of sutures after treated head injuries • Recognize the signs of pneumothorax • Diagnostic procedures for abdominal injury • Recognize subcutaneous emphysema • Determine the presence of free fluid in the pleural cavity symptomatology, diagnosis and therapeutic approach in renal colic

UNIT 10 (TENTH WEEK):

SURGERY

Extremity injuries • Urgent injuries of blood vessels • Acute occlusions of large arteries • Deep vein thrombosis	• Practice with patients, assessment of skeletal integrity, fracture signs, joint range of motion, presence of swelling, effusion, deformity, skin assessment, tendon integrity and neurovascular findings • Interpretation of radiographs in case of limb injuries • Immobilization of the extremities • Hemostasis with a compression bandage • Hemostasis by digital compression • Performing Homans - this test • Venipuncture

UNIT 13 (WEEK THIRTEEN):

OTORHINOLARINGOLOGY

• Urgent conditions in otolaryngology	• Approach to a patient with a nosebleed • Recognition of otogenic, sinusogenic complications • Procedure for patients with foreign bodies of the ear, nose, pharynx, larynx. • Procedure with patients with acute respiratory failure

UNIT 14 (FOURTEENTH WEEK):

OPHTHALMOLOGY

Urgent conditions in ophthalmology – introduction. Acute attack of glaucoma • Retinal occlusive syndromes • Retinal ablation • Cavernous sinus thrombosis • Ednophthalmitis and panophthalmitis • Contusion, perforation, chemical and thermal eye injuries • Malignant melanoma of the choroid and other malignant tumors of the eye • Neuro-ophthalmological diseases (urgent)	Acute attack of glaucoma - how to recognize the clinical picture, how to diagnose and treat this urgent condition in ophthalmology, as a hasty epidemic today Retinal occlusive syndromes • Retinal ablation • Cavernous sinus thrombosis • Ednophthalmitis and panophthalmitis • Contusion, perforation, chemical and thermal injuries of the eye - familiarize yourself with the anamnesis, recognize the clinical picture of the injuries, provide first aid in the treatment of eye injuries and adequate urgent therapy • Malignant melanoma of the choroid • Neuro-ophthalmological diseases (urgent

UNIT 15 (FIFTEENTH WEEK):

PSYCHIATRY

• The most common emergency conditions in psychiatry • States of psychomotor excitement, fugues and agitated states in intellectually deficient persons • Urgent conditions in affective disorders • Urgent conditions in schizophrenia, insanity and psychoses in general • Stupor as an emergency condition in psychiatry • Urgent conditions within the framework of addiction	• Familiarize yourself with the most common emergency conditions in psychiatry. • Familiarize yourself with the specifics of the clinical picture as well as with differential diagnostic doubts. • Familiarize yourself with the specifics of admitting these patients to hospital conditions (voluntary consent, forced hospitalization, precautionary measures,..) • The student should recognize and learn the clinical picture, diagnostics and therapeutic modules of emergency conditions within the framework of addiction.

LECTURE SCHEDULE

HALL ON THE 8TH FLOOR UKC

Schedule of practice

INTERNAL CLINIC

Schedule of classes and module tests

LESSON SCHEDULE FOR THE SUBJECT EMERGENCY CONDITIONS IN MEDICINE - PROFESSIONAL PRACTICE

module	week	type	Method unit name	Lecturer
1	1	Lecture	Acute cardiac arrest and Cardiopulmonary resuscitation. Sudden cardiac death, acute pulmonary edema, acute coronary syndrome. Malignant heart rhythm disorders, acute heart decompensation, hypertensive crisis.	Asst. Prof. Dr Rada Vucic
1	1	Practice		Prof. Dr Goran Davidovic Asst. Prof. Dr Rada Vucic Asst. Prof. Dr Vladimir Ignjatovic Asst. Prof. Dr Jelena Vuckovic Asst. Prof. Dr Miodrag Srećkovic
1	2	Lecture	Acute exacerbation of chronic respiratory insufficiency (HRI). Hemoptysis Anaphylactic shock. Pulmonary thromboembolism. ARDS	Asst. Prof. Dr Vojislav Cupurdija Assoc. Prof. Dr Mirjana Veselinovic
1	2	Practice		Asst. Prof. Dr Vojislav Cupurdija Assoc. Prof. Dr Mirjana Veselinovic Asst. Prof. Dr Miodrag Srećkovic Asst. Prof. Dr Rada Vucic Asst. Prof. Dr Vladimir Ignjatovic
1	3	Lecture	Acute renal failure. Differential diagnosis of hematuria. Urgent conditions in disorders of electrolytes, fluids and acid-base balance. Differential diagnosis of abdominal pain. Acute liver failure syndrome. Hepatorenal syndrome.	Assoc. Prof. Dr Tanja Lazarevic Prof. Dr Natasa Zdravkovic
1	3	Practice		Assoc. Prof. Dr Tanja Lazarevic Assistant Dr Jelena Zivic Asst. Prof. Dr Tomislav Nikolic Assistant Dr Anita Ivosevic Asst. Prof. Dr Vladimir Ignjatovic

LESSON SCHEDULE FOR THE SUBJECT EMERGENCY CONDITIONS IN MEDICINE - PROFESSIONAL PRACTICE

module	week	type	Method unit name	Lecturer
1	4	Lecture	Acute complications of diabetes (ketoacidosis, non-ketogenic hyperosmolar coma, hypoglycemia). Addison's crisis. Pheochromocytoma. Acute hemorrhagic syndrome Transfusion of blood and blood derivatives.	Asst. Prof. Dr Violeta Mladenovic Assoc. Prof. Dr Svetlana Djukic
1	4	Practice		Asst. Prof. Dr Violeta Mladenovic Assoc. Prof. Dr Svetlana Djukic Asst. Prof. Dr Danijela Jovanovic Assistant Dr Zeljko Todorovic Assistant Dr Jelena Zivic
1	5	Lecture	Pediatric cardiopulmonary resuscitation. Acute rhythm disorder in children Acute poisoning in children. Acute respiratory failure in children.	Asst. prof. Dr Sanja Knezevic Prof. Dr Andjelka Stojkovic
1	5	Practice		Prof. Dr Biljana Vuletic Prof. Dr Andjelka Stojkovic Asst. prof. Dr Sanja Knezevic Asst. prof. Dr Marija Radovanovic
1	6	Lecture	Acute exacerbation of asthma in children. Hemorrhagic syndrome in children. Acute neurological disorder in children. Acute gastroenterocolitis in children.	Prof. Dr Andjelka Stojkovic Prof. Dr. Biljana Vuletic Asst. prof. Dr Sanja Knezevic Asst. prof. Dr Marija Radovanovic

LESSON SCHEDULE FOR THE SUBJECT EMERGENCY CONDITIONS IN MEDICINE - PROFESSIONAL PRACTICE

module	week	type	Method unit name	Lecturer
1	6	Practice		Prof. Dr Biljana Vuletic Prof. Dr Andjelka Stojkovic Asst. prof. Dr Sanja Knezevic Asst. prof. Dr Marija Radovanovic
1	7	Lecture	Sepsis. Infections of the central nervous system. Snake bite and insect sting.	Prof. Dr Nenad Zornic Asst. prof. Dr Tatjana Boskovic Matic Asst. prof. Dr Rada Vucic
1	7	Practice		Prof. Dr Nenad Zornic Asst. prof. dr Dejan Aleksic Asst. prof. Jelena Vuckovic Assistant Dr Jelena Zivic Asst. Prof. Bojan Milosevic
1	8	Lecture	Coma. Acute stroke. Epileptic status.	Prof. Dr. Svetlana Miletic Drakulic Asst. prof. Dr Tatjana Bosković Matic Asst. prof. Dr Aleksandar Gavrilovic
1	8	Practice		Prof. Dr Svetlana Miletic-Drakulic Asst. prof. Dr Tatjana Boskovic Matic Asst. prof. Dr Aleksandar Gavrilovic Asst. prof. Dr Dejan Aleksic Asst. prof. Dr Ana Azanjac Arsic Asst. prof. Snezana Lazarevic Asst. prof. Katarina Vesic Dr. Vladimir Jankovic Dr Sandra Radevic
2	9	Lecture	Cardiopulmonary resuscitation. Hypovolemic shock. Water and electrolyte balance.	Prof. Dr Nenad Zornic

LESSON SCHEDULE FOR THE SUBJECT EMERGENCY CONDITIONS IN MEDICINE - PROFESSIONAL PRACTICE

module	week	type	Method unit name	Lecturer
2	9	Practice		Asst. prof. Dr Bojan Milosevic Prof. Dr Marko Spasic Asst. prof. Dr Bojan Stojanovic Asst. prof. Dr Ivan Radosavljevic Asst. prof. Dr Mladen Pavlovic Asst. prof. Dr Nenad Markovic Asst. prof. Dr Nikola Prodanovic
		FTM	FINAL TEST OF MODULE 1	
2	10	Lecture	Bleeding from the gastrointestinal tract. Acute abdomen. Abdominal and pelvic injuries Management of multisystemic injuries. Surgical care of the wound. Thermal injuries.	Prof. Dr Aleksandar Cvetkovic
2	10	Practice		Asst. prof. Dr Bojan Milosevic Prof. Dr Marko Spasic Asst. prof. Dr Bojan Stojanovic Asst. prof. Dr Ivan Radosavljevic Asst. prof. Dr Mladen Pavlovic Asst. prof. Dr Nenad Markovic Asst. prof. Dr Nikola Prodanovic
2	11	Lecture	Craniocerebral injuries. Chest injuries.	Asst. prof. Dr Vojin Kovacevic Asst. prof. Dr Milos Arsenijevic

LESSON SCHEDULE FOR THE SUBJECT EMERGENCY CONDITIONS IN MEDICINE - PROFESSIONAL PRACTICE

module	week	type	Method unit name	Lecturer
2	11	Practice		Asst. prof. Dr Bojan Milosevic Prof. Dr Marko Spasic Asst. prof. Dr Bojan Stojanovic Asst. prof. Dr Ivan Radosavljevic Asst. prof. Dr Mladen Pavlovic Asst. prof. Dr Nenad Markovic Asst. prof. Dr Nikola Prodanovic
2	12	Lecture	Extremity injuries. Urgent injuries of blood vessels. Acute occlusions of large arteries Inflammation of deep veins.	Prof. Dr Aleksandar Matic Asst. prof. Dr Bojan Stojanovic
2	12	Practice		Asst. prof. Dr Bojan Milosevic Prof. Dr Marko Spasic Asst. prof. Dr Bojan Stojanovic Asst. prof. Dr Ivan Radosavljevic Asst. prof. Dr Mladen Pavlovic Asst. prof. Dr Nenad Markovic Asst. prof. Dr Nikola Prodanovic
2	13	Lecture	Urgent conditions in otorhinolaryngology. Bleeding in the ENT region. Respiratory failure and tracheotomy. Injuries of the ENT region and foreign bodies. Complications of inflammatory processes in the ear, nose, pharynx and larynx.	Prof. Dr Branislav Belic

LESSON SCHEDULE FOR THE SUBJECT EMERGENCY CONDITIONS IN MEDICINE - PROFESSIONAL PRACTICE

module	week	type	Method unit name	Lecturer
2	**13**	**Practice**	Familiarize yourself with the methods of stopping bleeding in the ENT region. Learn to provide assistance in field conditions for bleeding in the ENT region. Learn how to perform an emergency tracheotomy. Learn how to maintain the cannula. To learn the clinical pictures of foreign bodies in the ENT region. Learn the protocol for diagnosing injuries of the ENT region. Adopt procedures for care of injuries in the ENT region. Understand the complications that arise when treating injuries in the ENT region. To learn the complications of inflammatory processes of the ear, nose, pharynx and larynx. Learn ways to treat complications of inflammatory processes in the ear, nose, pharynx and larynx.	Asst. prof. Dr Andra Jevtovic Dr Milica Jevtic Dr Natalija Bozovic
2	**14**	**Lecture**	Urgent conditions in ophthalmology - introduction. Acute attack of glaucoma. Retinal occlusive syndromes Retinal ablation. Cavernous sinus thrombosis. Ednophthalmitis and panophthalmitis. Contusion, perforation, chemical and thermal eye injuries. Malignant melanoma of the choroid and other malignant tumors of the eye. Neuro-ophthalmological diseases (urgent).	Prof. Dr M. Janicijevic Petrovic
2	**14**	**Practice**		Prof. Dr M. Janicijevic Petrovic Prof. Dr Svetlana Jovanovic Dr Jovana Srejovic Dr Katarina Cupic Dr Mihailo Jovanovic Prof. Dr Suncica Sreckovic Prof. Dr Nenad Petrovic Prof. Dr Tatjana Sarenac Asst. prof. Dr Dusan Todorovic
2	**15**	**Lecture**	The most common emergency conditions in psychiatry. States of psychomotor excitement, fugue and agitated states in intellectually deficient persons. Urgent conditions in affective disorders. Emergency conditions in schizophrenia. Stupor as an emergency condition in psychiatry.	prof. Dr Mirjana Jovanovic
2	**15**	**Practice**		Prof. Dr Goran Mihajlovic Prof. Dr Dragana Ignjatovic Ristic Prof. Dr Mirjana Jovanovic Assistant Dr Nemanja Muric Prof. Dr Vladimir Janjic Prof. Dr Milica Borovcanin Asst. prof. Dr Branimir Radmanovic
		FTM	**FINAL TEST OF MODULE 2**	
		E	**EXAM (June deadline)**	