

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION,
MINISTRY OF SCIENCE, HIGHER EDUCATION AND INNOVATION OF THE KYRGYZ
REPUBLIC

Kyrgyz-Russian Slavic University named after the first President
of the Russian Federation B.N. Yeltsin



Practice in emergency medical manipulations (Assistant anesthesiologist - resuscitator)

Abstract of the discipline (module)

Assigned to the department **Hospital surgery**
Qualification **Medical Doctor**
Curriculum 310501_21_45 ld.plx
Specialty 31.05.01. - Russian Federation, 560001 - Kyrgyz Republic General Medicine

Form of study **Full-time**

The program was compiled by: Senior Lecturer, Ismailova Umut Abdilovna; Senior Lecturer,
Khantimerov Ravil Migatovich

Distribution of hours of the discipline by semesters

Semester (<Course>.<Semester on the course>)	10 (5.2)		Total	
	UP	WP	UP	WP
Weeks				
Type of classes	UP	WP	UP	WP
Contact work during the period of theoretical training	72		72	
Contact work	72		72	
Himself. Work	36		36	
Total	108		108	

1. OBJECTIVES OF MASTERING THE DISCIPLINE

1.1	The purpose of the internship is to form general and professional competencies in students, to gain practical experience in the specialty.
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2. THE PLACE OF THE DISCIPLINE IN THE STRUCTURE OF THE EDUCATIONAL PROGRAM

Cycle (section) of the PLO:	B2.O
2.1	Requirements for the preliminary training of the student:
2.1.1	For the successful completion of this practice, students must master
2.1.2	the following disciplines: Human Anatomy, Biology, Biochemistry, Pathological
2.1.3	Physiology, Pathological Anatomy, Pharmacology, Topographic Anatomy and
2.1.4	Operative Surgery, Internal Medicine, Traumatology and Orthopedics, Gynecology, Anesthesiology,
2.1.5	Resuscitation and Intensive Care, Surgery, Otorhinolaryngology, Neurology and
2.1.6	Neurosurgery, Ophthalmology.
2.2	Disciplines and practices for which the development of this discipline (module) is necessary as a previous:
2.2.1	Obstetrics
2.2.2	Neurology, Medical Genetics, Neurosurgery
2.2.3	Public health and health care, health economics
2.2.4	Obstetrics and Gynecology Practice (Medical Assistant)
2.2.5	Occupational diseases
2.2.6	Psychiatry, Medical Psychology
2.2.7	Urology
2.2.8	Faculty Therapy
2.2.9	Faculty Surgery
2.2.10	Epidemiology
2.2.11	Gynecology
2.2.12	Hospital Therapy
2.2.13	Hospital surgery
2.2.14	Infectious diseases
2.2.15	Clinical Pharmacology
2.2.16	Otorhinolaryngology
2.2.17	Pediatrics
2.2.18	General Medical Practice (Outpatient Physician Assistant)
2.2.19	Emergency Medical Manipulation Practice (Emergency Medical Assistant)
2.2.20	Traumatology, orthopedics
2.2.21	Research work
2.2.22	Ophthalmology
2.2.23	Anesthesiology, Resuscitation, Intensive Care
2.2.24	Clinical pathanatomy
2.2.25	Disaster Medicine
2.2.26	Fundamentals of Critical Thinking: Evidence-Based Medicine
2.2.27	Outpatient therapy
2.2.28	Outpatient surgery
2.2.29	Outpatient Obstetrics and Gynecology
2.2.30	Practice in emergency medical manipulations (Assistant anesthesiologist - resuscitator)
2.2.31	Psychotherapy
2.2.32	Family Medicine
2.2.33	Forensic Medicine
2.2.34	Pediatric Surgery
2.2.35	Medical Rehabilitation
2.2.36	Interdisciplinary State Final Certification for the National-Regional Component
2.2.37	Oncology, radiation therapy

2.2.38	Preparation for and passing the state exam
2.2.39	Sports Medicine
2.2.40	Standards of diagnosis and treatment
2.2.41	Phthisiology

3. COMPETENCIES OF A STUDENT FORMED AS A RESULT OF MASTERING A DISCIPLINE (MODULE)

OPK-1: Able to implement moral and legal norms, ethical and deontological principles in professional activities

To know:

Duties, rights, place of a doctor in society; Basic Ethical Documents of Domestic and International Professional Medical Associations and Organizations
Fundamentals of modern Russian legislation in the field of health care and health care
Moral, ethical and deontological norms, rules and principles of professional medical behavior, the rights of the patient and the doctor

Be able to:

To build and maintain working relations with team members, to protect the civil rights of doctors and patients of different ages, nationalities, religions, and social status
To orient themselves in the current normative legal acts on labor, to apply the norms of labor legislation in specific practical situations; to defend the rights of the doctor and the patient

Own:

Arguments for solving controversial ethical and legal issues of medical practice, for protecting the interests of the patient and the doctor; Bringing to the patient of the provisions of "informed consent"
Application of the principles of medical deontology and medical ethics; legal foundations of surgical activity; Corporate Conduct in Surgery

OPK-4: Able to use medical devices provided for by the procedure for the provision of medical care, as well as conduct examinations of the patient in order to establish a diagnosis

To know:

Diagnostic capabilities of specialized equipment and medical devices, diagnostic algorithms for the main surgical syndromes and conditions

Be able to:

Prescribe optimal examination of patients in order to diagnose the main surgical syndromes and conditions

Own:

Registration of directions and implementation preparation of patients for instrumental instrumental examinations

PC-5: Capable of determining the main pathological conditions, symptoms, disease syndromes, nosological forms in patients in accordance with the International Statistical Classification of Diseases and Related Health Problems, X revision.

To know:

Methods and means of collecting and analyzing the patient's complaints, his/her medical history, indications and contraindications for additional clinical and paraclinical research methods;
- The need to collect and analyze the patient's complaints, medical history;

- Etiopathogenesis, clinical picture and diagnosis of the main diseases;
- Indications and contraindications for the choice of additional clinical and paraclinical methods of research;
- Indications and contraindications for additional clinical and paraclinical methods of research.

Be able to:

- Collect and analyze the patient's complaints, medical history;
- To prescribe laboratory, instrumental, pathological and other examinations in order to recognize the condition or establish the presence or absence of the disease;
- Conduct a survey, collect complaints and anamnesis of the patient;
- Draw up a family tree model for families with hereditary diseases;
- Conduct a clinical status study;
- To determine the indications and contraindications for the choice of additional clinical and paraclinical methods of research;
- Use methods and means of medical examination, diagnostic measures.

Own:

- • Skills in collecting and analyzing the patient's complaints, his/her medical history, interpreting the results of the most common methods of functional diagnostics used to detect pathologies of the blood, heart and blood vessels, lungs, kidneys, liver and other organs and systems;
- The skills of drawing up a medical history, the skills of prescribing the necessary laboratory and instrumental methods of examination in order to recognition of the condition or establishment of the presence or absence of the disease;
- • Skills in examining patients, carrying out the necessary diagnostic measures;
- Skills in building a clinical diagnosis.

PC-7: Able to determine the tactics of management of patients with various nosological forms**To know:**

Know the principles of treatment of a disease or condition, taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) for the provision of medical care, taking into account the standards of medical care.

Be able to:

Be able to treat diseases or conditions taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) for the provision of medical care, taking into account the standards of medical care.

Own:

Possess practical skills in the treatment of a disease or condition, taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) for the provision of medical care, taking into account the standards of medical care.

PC-11: Ready to participate in the provision of emergency medical care for conditions requiring urgent medical intervention**To know:**

- Algorithm of emergency medical care;
- Basic medical diagnostic and therapeutic measures to provide first aid in emergency conditions requiring urgent medical intervention.

Be able to:

- To select an individual type of care for the treatment of the patient in accordance with the situation: first aid, ambulance, hospitalization.

Own:

- A set of resuscitation measures for acute respiratory and circulatory disorders, with clinical

death; know modern methods of resuscitation and intensive care in providing assistance to patients and victims in critical conditions of various etiologies.

PC-12: Ready to participate in the provision of medical assistance in emergency situations, including participation in medical evacuation.

To know:

- Fundamentals of the formation of a culture of safety, environmental awareness and risk-oriented thinking, in which safety and environmental conservation issues are considered as the most important priorities of human life.

Be able to:

- Understand the doctrine of the epidemic process, the types of epidemiological studies and their purpose;
 - Carry out anti-epidemic measures, protect the population in the foci of especially dangerous infections, in case of deterioration of radiation situation and natural disasters;
 - To identify the harmful effects of environmental factors on the human body, the features of the course and possible complications of the most common diseases, diagnostic methods, modern methods of clinical, laboratory, instrumental examination patients;
 - To analyze the features of the organization of medical care during mass and sports events, in emergencies and disasters in peacetime and wartime.

Own:

- Methods of organizing a set of measures aimed at preserving and strengthening health and eliminating harmful factors;
 - • Skills in analyzing and assessing the quality of medical care, the state of health of the population and the impact of environmental and working environment factors on it;
 - Skills in preventing the occurrence and spread of diseases, their early diagnosis and causes of their occurrence;
 - • Skills in performing preventive, hygienic and anti-epidemic measures;
 - The ability to choose an individual type of care for the treatment of the patient in accordance with the situation: first aid, ambulance, hospitalization.

PC-14: Capable of maintaining medical records.

To know:

- List and characteristics of accounting and reporting medical documentation in medical organizations of medical profile;
 - Regulatory documentation adopted in healthcare, as well as documentation for assessing the quality and efficiency of work medical organizations.

Be able to:

- Conduct a medical and statistical analysis of the health indicators of the attached population;
 - Maintain medical records, including in electronic form.

Own:

- • Work skills and methods of maintaining accounting and reporting documentation of various nature in medical institutions;
 - Skills of comparative characterization of medical documentation of various nature in medical institutions.

As a result of mastering the discipline, the student must

3.1 To know:

Duties, rights, place of a doctor in society; Basic Ethical Documents of Domestic and International Professional Medical Associations and Organizations
 Fundamentals of modern Russian legislation in the field of health care and health care
 Moral, ethical and deontological norms, rules and principles of professional medical behavior, the rights of the patient and the doctor

Diagnostic capabilities of specialized equipment and medical devices, diagnostic algorithms for the main surgical syndromes and conditions

<p>Methods and means of collecting and analyzing the patient's complaints, his/her medical history, indications and contraindications for additional clinical and paraclinical research methods;</p> <ul style="list-style-type: none"> - The need to collect and analyze the patient's complaints, his medical history; - Etiopathogenesis, clinical picture and diagnosis of the main diseases; - Indications and contraindications for the choice of additional clinical and paraclinical methods of research; - Indications and contraindications for additional clinical and paraclinical methods of research.
<p>Know the principles of treatment of a disease or condition, taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) for the provision of medical care, taking into account the standards of medical care.</p>
<ul style="list-style-type: none"> - Algorithm of emergency medical care; - Basic medical diagnostic and therapeutic measures to provide first aid in emergency conditions requiring urgent medical intervention.
<p>- Fundamentals of the formation of a culture of safety, environmental awareness and risk-oriented thinking, in which safety and environmental conservation issues are considered as the most important priorities of human life.</p>
<ul style="list-style-type: none"> - List and characteristics of accounting and reporting medical documentation in medical organizations of medical profile; - Regulatory documentation adopted in healthcare, as well as documentation for assessing the quality and efficiency of work medical organizations.
<p>3.2 Be able to:</p>
<p>To build and maintain working relations with team members, to protect the civil rights of doctors and patients of different ages, nationalities, religions, and social status</p> <p>To orient themselves in the current normative legal acts on labor, to apply the norms of labor legislation in specific practical situations; to defend the rights of the doctor and the patient</p>
<p>Prescribe optimal examination of patients in order to diagnose the main surgical syndromes and conditions</p>
<ul style="list-style-type: none"> - Collect and analyze the patient's complaints, medical history; - To prescribe laboratory, instrumental, pathological and other examinations in order to recognize the condition or establish the presence or absence of the disease; - Conduct a survey, collect complaints and anamnesis of the patient; - Draw up a family tree model for families with hereditary diseases; - Conduct a clinical status study; - To determine the indications and contraindications for the choice of additional clinical and paraclinical methods of research; - Use methods and means of medical examination, diagnostic measures.
<p>Be able to treat diseases or conditions taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) for the provision of medical care, taking into account the standards of medical care.</p>
<p>- To select an individual type of care for the treatment of the patient in accordance with the situation: first aid, ambulance, hospitalization.</p>

<ul style="list-style-type: none"> - Understand the doctrine of the epidemic process, the types of epidemiological studies and their purpose; - Carry out anti-epidemic measures, protect the population in the foci of especially dangerous infections, in case of deterioration of radiation situation and natural disasters; - To identify the harmful effects of environmental factors on the human body, the features of the course and possible complications of the most common diseases, diagnostic methods, modern methods of clinical, laboratory, instrumental examination patients; - To analyze the features of the organization of medical care during mass and sports events, in emergencies and disasters in peacetime and wartime.
<ul style="list-style-type: none"> - Conduct a medical and statistical analysis of the health indicators of the attached population; - Maintain medical records, including in electronic form.
<p>3.3 Own:</p>
<p>Arguments for solving controversial ethical and legal issues of medical practice, for protecting the interests of the patient and the doctor; Bringing to the patient of the provisions of "informed consent" Application of the principles of medical deontology and medical ethics; legal foundations of surgical activity; Corporate Conduct in Surgery</p>
<p>Registration of directions and implementation preparation of patients for instrumental examinations</p>
<ul style="list-style-type: none"> - • Skills in collecting and analyzing the patient's complaints, his/her medical history, interpreting the results of the most common methods of functional diagnostics used to detect pathologies of the blood, heart and blood vessels, lungs, kidneys, liver and other organs and systems; - The skills of drawing up a medical history, the skills of prescribing the necessary laboratory and instrumental methods of examination in order to recognition of the condition or establishment of the presence or absence of the disease; - • Skills in examining patients, carrying out the necessary diagnostic measures; - Skills in building a clinical diagnosis.
<p>Possess practical skills in the treatment of a disease or condition, taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) for the provision of medical care, taking into account the standards of medical care.</p>
<ul style="list-style-type: none"> - A set of resuscitation measures for acute respiratory and circulatory disorders, in clinical death; know modern methods of resuscitation and intensive care in providing assistance to patients and victims in critical conditions of various etiologies.
<ul style="list-style-type: none"> - Methods of organizing a set of measures aimed at preserving and strengthening health and eliminating harmful factors; - • Skills in analyzing and assessing the quality of medical care, the state of health of the population and the impact of environmental and working environment factors on it; - Skills in preventing the occurrence and spread of diseases, their early diagnosis and causes of their occurrence; - • Skills in performing preventive, hygienic and anti-epidemic measures; - The ability to choose an individual type of care for the treatment of the patient in accordance with the situation: first aid, ambulance, hospitalization.
<ul style="list-style-type: none"> - • Work skills and methods of maintaining accounting and reporting documentation of various nature in medical institutions; - Skills of comparative characterization of medical documentation of various nature in medical institutions.