

**THE MINISTRY OF EDUCATION AND SCIENCE OF
KYRGYZ REPUBLIC**

OSH STATE UNIVERSITY

INTERNATIONAL MEDICAL FACULTY



DAIRY

**of the practical training as an assistant of paramedical
emergency and emergency relief in the ambulance station
(for 3rd year students of the IMF)**

Total – 3 credits (90 hours)

Course – 3 years

Semester – VI

Examination – VII

Osh – 2020

GENERAL INFORMATION

Student:

Last name _____

First name _____

Group _____

Period of the practical training

from « ____ » _____ **20** _____ **till** « ____ » _____ **20** _____

Place of the practical training:

Hospital name:

Hospital department:

Number of beds in the department: _____

Hospital practitioner (from Hospital)

University practitioner (from the IMF)

PRACTICAL TRAINING PROGRAM

1. Objectives of the practical training:

- consolidation of theoretical knowledge and practical skills acquired by students during training in the semester (seminars, lectures and practical skills on dummies, phantoms)
- mastery of various manipulations according to the corresponding program.

Industrial practice provides an opportunity:

- work out at the patient's bedside the skills acquired during the training;
- consolidate theoretical knowledge;
- carry out the necessary manipulations with the implementation of the "Basics of Infectious Safety".

2. Tasks of *the practical training*:

The student should know:

- the basics of medical ethics and deontology;
- the basics of infectious safety for medical workers when performing medical manipulations;
- organization of work of the average medical staff of the medical institution;
- documentation of nursing staff;
- sanitary and anti-epidemic regime of a medical institution, departments;
- organization of emergency care to the population.

The student should be able to:

- master the technique of subcutaneous, intramuscular and intravenous injection;
- provide first aid in acute diseases and the development of a threatening condition of the patient;
- prepare patients for special research methods (radiography, ultrasound, gastric and duodenal sounding);

- collect biological material for laboratory research.

The student should have:

- practical skills in providing emergency care for various diseases, acute poisoning, injuries and accidents;
- the technique of resuscitation care at the hospital stage.

3. List of disciplines indispensable for the successful implementation of the program of practical training

- Propaedeutic of internal diseases;
- Pharmacology;
- Pathological physiology;
- Pathological anatomy;
- Propaedeutic child diseases 1;
- Propaedeutic surgical diseases, radio-diagnosis;
- Medical radiology and radiotherapy;
- Community medicine;
- Dermatovenereology;

4. List of practical abilities and skills that the 3rd year students of the international medical faculty are to master according to the program « assistant of paramedical emergency and emergency relief»

1. The main provisions of medical ethics and deontology. "The Basics of Infectious Safety" for healthcare providers.
2. Parenteral administration of drugs.
3. Subcutaneous administration of drugs and solutions.
4. Intradermal administration of drugs.
5. Intramuscular administration of drugs.
6. Intravenous administration of drugs.
7. Obtaining venous blood from the umbilical cord vein of the fetus.
8. Taking blood from a peripheral vein.

9. Ensuring airway clearance.
10. Application of a tourniquet (venous, arterial). Indications for use.
11. Catheterization of the bladder.
12. Gastric lavage.
13. The technique of transfusion therapy. Determination of blood group, Rhesus affiliation, biological compatibility.
14. Indirect cardiac massage.
15. Artificial ventilation of the lungs.
16. Technique of pleural puncture.

Determination of the emergency action algorithm for:

1. Angina pectoris.
2. Myocardial infarction.
3. Cardiogenic shock.
4. Hypertensive crisis.
5. Acute left ventricular failure.
6. Heart rhythm disturbances.
7. Acute cerebrovascular accident.
8. Acute respiratory failure.
9. The attack of bronchial asthma, asthmatic status.
10. Spontaneous pneumothorax.
11. Acute stenosing laryngotracheitis.
12. Perforated ulcer of the stomach and duodenum.
13. Hepatic colic.
14. Renal colic.
15. Acute diseases of the abdominal organs (appendicitis, cholecystitis, pancreatitis).

NOTE

When supervising and care of the patient to act according to the instructions of doctors and medical staff, and during the cleaning of department - according to the instructions of paramedics and senior nurse.

During practice, students are required to obey the rules of the internal labor rules of ambulance station, to comply strictly safe security and sanitary and anti-epidemic regime.

At each procedure, know precisely the algorithm of the procedure, equipment, possible venue of performing procedures, forms of informing and consent of the patient about the procedure.

Be aware of sterilization and the requirements for medical staff.

NOTICE FOR STUDENT

1. A student is allowed to pass the practice and has a right to pass the exam if he has fulfilled medical book with an admittance to work.
2. Diary of practical training is an official document. The practice cannot be accepted without diary practical training. Diary of should be filled in daily, neatly, written in legible handwriting and should be certified by a paramedic every day. At the end of the practice the diary must be assured by the signature the senior nurse of the department (head of the practice from ambulance station), of the university practitioner (from the IMF), director of the ambulance station and ambulance station seal (of round form).
3. On the last day of practice the university practitioner (from the IMF) issues characteristic of the student. Characteristic must be assured by the signature of the senior nurse (head of the practice from ambulance station), director of the ambulance station and ambulance station seal (of round form).
4. The university practitioner (from the IMF) checks the diary conducts the interview with the student, evaluates practice in the

light of characteristic of the head nurse, quality of maintaining of the diary.

5. According to schedule on fixed day the student must attend the examination for practical training into the center of testing (2nd floor of Medical Clinic OshSU) in a medical gown, medical cap, carrying a medical mask, shoe covers, gloves.

6. On the examination to teachers you need to provide the diary of practical training (filled conforming to the model) with the seal of the ambulance station (of round form), and the characteristic (signed by director of the ambulance station and round seals), credit and medical books.

7. A student who has not executed a program the practice without a valid reason or has gross violation of discipline can be expelled from the faculty.

Appendix I

Example of fulfilling of the diary of practical training:

Date: 20.06.2020. 9:00-15:00

Work performed:

I've become acquainted with the organization of work and the structure of the hospital.

I worked at the nursing post. I read the documentation of the nursing staff, I've learned taking over and passing the duty of guard nurse.

I worked in the procedure room.

I've calculated the dose and have made two intramuscular injections of "Cefazolin".

(Describe the methodology of the procedure for one patient)

Training paramedics signature: _____

Date: «____» _____ 20 __.

Work performed:

Training paramedics signature _____

Date: «___» _____ 20 __.

Work performed:

Lined area for recording work performed.

Training paramedics signature _____

Date: « ___ » _____ 20 __.

Work performed:

Training paramedics signature _____

LIST OF PRACTICAL SKILLS AND ABILITIES

Table is filled according to the list of skills and certified by signature of the training paramedics (from the ambulance station) and by university practitioner (from the IMF)

№	Name of work	Amount of the performed work
1.	Parenteral administration of drugs	
2.	Subcutaneous administration of drugs	
3.	Intradermal administration of drugs	
4.	Intramuscular administration of drugs	
5.	Intravenous administration of drugs	
6.	Taking blood from a peripheral vein	
7.	Ensuring free airway	
8.	Application of a tourniquet	
9.	Bladder catheterization	
10.	Gastric lavage	
11.	Determination of blood group, Rhesus affiliation, biological compatibility of the blood of the donor and recipient	
12.	Indirect cardiac massage	
13.	Registration and decoding of an ECG	

14.	Mechanical ventilation	
15.	Pleural puncture	

Signature of the training paramedics (from the ambulance station) _____

Signature of the university (from the IMF)

Characteristics of the student, who passes practical training is written at the end of the diary, after a summary report on the done work (a list of practical skills) and the seal of the ambulance station (the round form). Characteristics should be signed by the senior nurse (head of the practice of ambulance station), the university practitioner (from the IMF) and the director of the ambulance station.

When writing characteristics of the student it should reflect the following characteristics:

- a) the level of theoretical training;
- b) possession of practical skills;
- c) implementation of bases of ethics (relationships with patients, their relatives and co-workers).

Characteristics of the student

Student _____,
of the group _____, of the International Medical Faculty of «General Medicine» - specialty from «____» _____ till
«____» _____ 2020 year passed the practical training as an assistant of paramedical emergency and emergency relief at
_____ department

(Name of Hospital)

Assessment of student’s work:

Signature of university
practitioner (from the IMF) _____

Signature of the
Head of Practice (from the Hospital) _____

Signature of the
Director of Hospital _____

«____» _____ 20__

Stamp here (the round stamp of
the medical establishment)

STUDENT'S COMMENTS AND SUGGESTIONS ABOUT
THE PRACTICAL TRAINING

Date « ____ » _____ 20 ____

Student's signature _____

