

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

**OSH STATE UNIVERSITY**

**INTERNATIONAL MEDICAL FACULTY**



**DAIRY**

**of the practical training as a nurse assistant in the hospital  
(for 2<sup>nd</sup> year students of the IMF)**

Total – 3 credits (90 hours)

Course – 2 years

Semester – IV

Examination – V

Osh – 2020



## GENERAL INFORMATION

Student:

Last name \_\_\_\_\_

First name \_\_\_\_\_

Group \_\_\_\_\_

### **Period of the practical training**

**From** «\_\_\_\_» \_\_\_\_\_ **20**\_\_\_\_ **till** «\_\_\_\_» \_\_\_\_\_ **20**\_\_\_\_

Place of the practical training:

Health care institution name:

\_\_\_\_\_  
\_\_\_\_\_

Hospital department:

\_\_\_\_\_

Number of beds in the department: \_\_\_\_\_

Hospital practitioner (from Hospital)

\_\_\_\_\_

University practitioner (from the IMF)

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# PRACTICAL TRAINING PROGRAM

## **1. Objectives of the practical training:**

- to receive primary professional knowledge and skills about the treatment of patients in hospital;
- consolidation of theoretical knowledge and practical skills received by the students during the school term;

## **2. Tasks of *the practical training*:**

- to organize and to deepen the knowledge received on the theoretical and practical classes;
- to develop skills in hospital, work according to the requirements of the training program;

## **The student should know:**

- fundamentals of medical ethics and deontology;
- fundamentals of infectious safety for health care workers performing simple medical manipulations;
- organization of the appropriate department: time schedule; procedure for admission and discharge of patients; documentation; order of reception and delivery of duty by the nurse; rules on visits of patients and the rules for transfer; rules for storage of medicines, medical toolkit; sanitary regime of wards and of the food unit;
- the organization of the work of the nursing staff of the medical institution;
- types of sanitization of patients, especially for children;
- types of fevers;
- features of monitoring and care of patients with diseases of various organs and systems of the body, taking into account the patient's age and severity of disease;
- the sanitary and anti-epidemic regime of the medical establishment, its units and procedure room;
- the reception and registration of patients coming to the hospital;

- medical records, the characteristics of its filling-out;
- the organization of emergency aid to the population;
- processing technique of medical supplies, disinfection, presterilizing clearing, sterilization;
- the rules of preventing from HIV infection and from the viral hepatitis.

**The student should be able to:**

- to make sanitization patient at admission and during the hospital stay;
- to change their underwear and bed linen of the patient, taking into account the patient's age and severity of disease;
- to care for patients of all ages suffering from diseases of various organs and systems, and transportation, moving in bed;
- to measure the body temperature, carry anthropometry;
- to prepare equipment for different types of clysters;
- to carry out auxiliary procedures in maintaining personal hygiene of the patient;
- to use (prescription) medical warmer, ice pack, mustard and various types of compresses;
- master the technique of subcutaneous, intramuscular and intravenous injection;
- provide first emergency medical aid for acute diseases and development of a critical patient's condition;
- perform the presterilizing clearing of medical supplies followed by control.

**The student should have:**

- skills of nursing care taking into account patient's age, character and severity of his disease.

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

- Normal physiology;

- Biology;
- Chemistry;
- Bioethics;
- Hygiene;
- Propaedeutic of internal diseases;
- Microbiology;
- Pharmacology;
- Pathological physiology;
- Pathological anatomy;
- Operative Surgery and Topographic Anatomy

**4. List of practical abilities and skills that the 2<sup>nd</sup> year students of the international medical faculty are to master according to the program «Nurse assistant»**

- Main provisions of medical ethics and deontology.
- “The basics of infectious safety” for health care workers.
- Parenteral medications administration.
- Subcutaneous injection of medicines and fluids.
- Intradermal injection of medicines.
- Intramuscular injection of medicines.
- Intravenous injection of medicines.
- Obtaining the venous blood from the umbilical cord vein of the fetus.
- Ensuring free air passage in the airways.
- Application of tourniquet (venous, arterial). Indications for use.
- Catheterization of the urinary bladder.
- Gastric lavage.
- Technique of the transfusion therapy. Determination of the blood group, Rh, biocompatibility.
- Indirect heart massage.
- Mechanical ventilation.
- Pleural puncture technique.

- Technologies of implementation of handwashing methods. Levels of handwashing. Be able to use medical hygienic clothing, performing simple medical procedures.
- Duties of the nurse of the reception ward.
- Conducting anthropometry according to the severity of the patient and age.
- Anthropometry of children with physical assessment.
- Sanitization of patients at the admission department. Processing of patient at the detection of lice.
- Transportation of the patient inside of the hospital - ward, department (including state of the patient - stroller, wheelchair, stretcher and support into the ward).
- Change of laundry and underwear of the patient. Features of childcare. Swaddling of a baby.
- Types, methods and stages of disinfection. Prevention of hospital infections.
- Labeling rules of cleaning material, disinfectants. Knowledge of storage locations. Types, methods stages of disinfection. Current, general cleaning.
- Knowledge of classes of waste disposal "A, B, C, D, E". Monitoring the sanitary condition of nightstands and refrigerators.
- Personal care of patients. Auxiliary procedures in maintaining of personal hygiene of the patient (hair care, nails, ears, nose, eyes of the patient).
- Preventing of bedsores.
- Conducting thermometry. (Types of thermometers. Types of fevers).
- Peculiarities in pediatrics.
- Feeding of seriously ill patient with a spoon, a feeder cup, through the stoma.
- Submission of the vessel, the urinal, stoma bags. Caring for colostomy, cystostomy.
- Assistance to the patient at vomiting.

- Participation in the catheterization according to the gender and age of the patient. Preparation of the equipment.
- Gastric intubation: indications, contraindications, algorithm, equipment.
- Measurement of blood pressure, radial pulse, representation of the full characteristics.
- Installation of clysters (cleansing, siphon, hypertension). Indications, contradictions, the algorithm, possible complications. Installation of vapor tube.
- Peculiarities in pediatrics.
- Simple physiotherapy: heating pad, ice pack, mustard plasters, glasses, various types of compresses. Indications, contradictions, algorithm, equipment.
- Features of care in the postoperative period (in abdominal cavity organs, chest, operated urinary tract, etc.). Features of care for traumatological patients.

### **Preparation of the patient for laboratory investigations:**

- Measurement of urine output, determining of water balance.
- Choose the appropriate containers for the collection of biological material (urine, feces, sputum).
- Urine collection (general analysis, by Zimnitskiy, by Nechyporenko, urine for sugar); definition of daily urine output.
- Preparing to take of feces for hidden blood, for helminth eggs.
- Preparing instruments for sterilization.
- Taking part in external use of medicines (drops into the nose eyes, ears, applying medication to the skin, rubbing).
- Participation in drug delivery.



## 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 nurse and senior nurse.

During practice, students are required to obey the rules of the internal labor rules of hospital, 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 nurse 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 hospital), of the university practitioner (from the IMF), director of the hospital and hospital 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 hospital), director of the hospital and hospital 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 (2<sup>nd</sup> 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 hospital (of round form), and the characteristic (signed by director of the hospital 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.

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 nurse's signature: \_\_\_\_\_





Date: «\_\_\_» \_\_\_\_\_ 20 \_\_.

Work performed:

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Training nurse's signature \_\_\_\_\_

Date: «\_\_\_» \_\_\_\_\_ 20 \_\_.

Work performed:

24 horizontal lines for writing.

Training nurse’s signature \_\_\_\_\_







Date: «\_\_\_» \_\_\_\_\_ 20 \_\_.

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Training nurse's signature \_\_\_\_\_

## LIST OF PRACTICAL SKILLS AND ABILITIES

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

№	Name of work	Amount of the performed work
1.	Treatment of hands and mucous in case of a possible contact with body fluids, hand cleaning levels	
2.	The use of protective clothing (gown, mask, apron, goggles and shin pads, gloves) in practice	
3.	The current and general cleaning of the work area	
4.	Monitoring the health of nightstands, refrigerators	
5.	Sanitization of the patient on admission to hospital, during stay in hospital	
6.	Sanitization of a patient with pediculosis	
7.	Transportation of a patient	
8.	Changing of the laundry and underwear	
9.	Assistance in conducting hygienic actions (care of the eyes, ears, nose, mouth, skin, hair, nails, perineum, genitals)	
10.	Methods of moving and changing of body position of the patient in bed (Fowler's position, Sims's position)	
11.	Prevention of bedsores	



12.	Giving the vessel, urinal	
13.	Assistance to the patient with incontinence of urine or feces	
14.	Feeding of the seriously ill patient with a spoon, a feeder cup	
15.	Assistance to the patient with at vomiting	
16.	Measurement of body temperature (thermometry)	
17.	The anthropometry	
18.	Measurement of blood pressure and pulse	
19.	Observation of breathing	
20.	Technology of ECG registration	
21.	Measurement of diuresis, determination of water balance	
22.	Gastric lavage	
23.	Recording the allergic and drug history of the patient	
24.	Application of a heating pad, ice pack	
25.	Application of a cold, hot, warm compress	
26.	adjustment of a single-use syringe	
27.	Set of a medicament from the ampoule	
28.	Breeding of powder in a bottle	
29.	Subcutaneous injection of medicines	
30.	Intradermal injection of medicines.	
31.	Intramuscular injection of medicines.	

32.	Filling the system for intravenous drip of liquid	
33.	Intravenous injection of medicines	
34.	Taking blood from a peripheral vein	
35.	Enteral medication administration (sublingual, sub buccal, per os, rectal)	
36.	External medication application (on the skin, the mucous membranes)	
37.	Inhalation medication administration through the mouth and nose	
38.	Determination of the blood group, Rh	
39.	Application of tourniquet	
40.	Preparing the patient for catheterization	

Signature of the training nurse (from the hospital)

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Signature of the university (from the IMF)

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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 hospital (the round form). Characteristics should be signed by the senior nurse (head of the practice of hospital), the university practitioner (from the IMF) and the director of the hospital.

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 nurses at  
 \_\_\_\_\_ department

(Name of Hospital)

**Assessment of student's work:**

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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

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Date « \_\_\_\_\_ » \_\_\_\_\_ 20\_\_

Student's signature \_\_\_\_\_



