

THE MINISTRY OF EDUCATION AND
SCIENCE OF KYRGYZ REPUBLIC
OSH STATE UNIVERSITY
INTERNATIONAL MEDICAL FACULTY



DIARY
of the practical training as a «Hospital doctor assistant»
(for 4th year students of the IMF)

Total – 3 credits (90 hours)
Course – 4th years
Semester – VII
Examination – IX

Student:

Last name _____

First name _____

Group _____

Period of the practical training

From « ____ » _____ **202** _____ **till** « ____ » _____ **202** _____

Osh – 2021

GENERAL INFORMATION

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)

The student is informed about the regulation on the industrial practice and safety during the practice.

Instruction was carried out by:

(Name and signature)

Familiarized:

(Student's signature)

PRACTICAL TRAINING PROGRAM

1. Objective of the practical training:

-Training a qualified specialist who knows how to carry out basic skills in the process of practical medical activity, has organizational, managerial, educational and research capabilities, meets the requirements of a quality assurance system in the international educational process.

2. Tasks of the practical training:

- familiarization with the structure of a particular medical institution and the organization of work of medical personnel;
- the formation of the basics of social and personal competence through the acquisition of interpersonal skills with medical personnel and patients;
- improvement and systematization of knowledge and the formation of professional competencies through the acquisition of skills in the practical application of knowledge gained in the study of theoretical and practical disciplines;
- development and improvement of practical skills necessary for self-employment, including high-tech equipment technologies.

The student should know:

- Ethical foundations of modern medical legislation;
- Moral and ethical standards, rules and principles of professional medical behavior;
- Etiology, pathogenesis and preventive measures, modern classification, clinical picture, course features and possible complications of the most common diseases of internal organs occurring in a typical form; diagnostic methods, diagnostic capabilities of methods for direct examination of a patient with a therapeutic profile;
- Modern methods of clinical, laboratory, instrumental examination of patients (including endoscopic, radiological methods, ultrasound diagnostics);

- Structural and functional foundations of diseases and pathological processes, causes, basic mechanisms of development and outcomes of pathological processes, impaired functions of organs and systems;
- Diagnosis criteria for various diseases of internal organs; basic diagnostic measures in emergency and life-threatening conditions;

The student should be able to:

- Build and maintain working relationships with other team members;
- Take an anamnesis, conduct a survey of the patient and / or his relatives; conduct a physical examination (examination, palpation, auscultation, blood pressure measurement, determination of the properties of arterial pulse, etc.); assess the condition of the patient to decide on the need for medical care; conduct an initial examination of systems and organs: respiratory, cardiovascular, digestive, urinary, blood; fill out a medical history, write prescriptions;
- Outline the volume of additional studies in accordance with the prognosis of the disease to clarify the diagnosis and obtain a reliable result;
- To interpret the results of the most common methods of functional diagnostics and clinical and immunological examinations used to identify pathologies of the blood, heart and blood vessels, lungs, kidneys, liver and other organs and systems;
- To make a preliminary diagnosis - to synthesize patient information in order to determine the pathology and its causes; to formulate a clinical diagnosis taking into account the ICD-10 revision and modern clinical classifications; perform basic diagnostic measures to identify urgent and life-threatening conditions

The student should have:

- Skills of moral and ethical argumentation, skills of informing patients and their relatives in accordance with the requirements of the “informed consent” rules;
- Principles of medical deontology and medical ethics;
- Methods of general clinical examination of patients; the skills of proper medical records management;

- Interpretation of the results of laboratory, instrumental diagnostic methods (electrocardiography, spirometry, thermometry, hematological parameters, etc.);
- Interpretation of the results of functional diagnostic methods and clinical and immunological examination of patients;
- Skills in setting up a detailed clinical diagnosis (main, concomitant, complications); preliminary diagnosis algorithm followed by referral of the patient to the appropriate specialist physician.

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

“Pathological anatomy, clinical pathological anatomy”, “Pathological physiology, clinical pathological physiology”, “Clinical pharmacology”, “Internal diseases”, “Children's diseases”, “Surgical diseases”, “Obstetrics and gynecology” and “Oncology”.

4. List of practical abilities and skills that the 4th year students of the international medical faculty are to master according to the program «Hospital doctor assistant»:

- Establish contact with parents of sick children.
- Own medical ethics and deontology.
- To collect and analyze the anamnesis of a child's life and illness.
- Own methods of objective research (examination, palpation, percussion, auscultation of all organ systems) of children of different ages and adolescents.
- Analyze the data obtained with an objective study of the child.
- Own a diagnosis algorithm in accordance with the International Statistical Classification of Diseases and Health Problems –X review and predict conditions that threaten a child's life.
- Own the technique of feeding healthy and sick young children.
- Own the technique of nebulizer therapy in the treatment of patients with respiratory pathology.
- Calculation of nutrition for the main ingredients in children with malnutrition.
- Be able to analyze the results of laboratory and special research methods (clinical, biochemical, microbiological, immunological,

serological indicators of blood, urine, feces, cerebrospinal fluid, coagulogram indices, KHS);

- To have an assessment of the results of a functional examination of the respiratory system, cardiovascular, digestive, urinary system, nervous system; X-ray method for the study of respiratory organs;
- Master the technique of intravenous infusion.
- To justify and plan the need to refer children for additional research, consultations of medical specialists in accordance with the current standards of medical care.
- Develop a treatment plan for children, taking into account the clinical picture of the disease in accordance with the procedures, standards, clinical guidelines (protocols) of treatment;
- Correctly draw up medical documentation in medical institutions (admission status, diagnostic, staging and discharge epicrisis; diagnosis according to classification; card of the patient who has left the hospital; disease code according to ICD 10; interpretation of the results of the study, conclusions of medical consultants; list of medical appointments, emergency notification etc.)
- Provide first aid for respiratory failure, hyperthermia; convulsions, airway obstruction, respiratory arrest and cardiac activity, heart failure.

NOTE

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 admit-tance 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 supervisor every day. At the end of the practice the diary must be assured by the signature the head 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 supervisor (from the IMF) checks the diary conducts the interview with the student, evaluates practice in the light of characteristic of the head supervisor, quality of main-taining 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 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.

WORK PROGRAM
Clinical practice for 4th year students
«Hospital doctor assistant»
 VIII semester - 90 hours (3 credits) – 2 weeks

Days	Topic	Short description	Hours	Place and equipment
Clinical practice on therapy				
1	The principles of the hospital. The main functional responsibilities of a hospital doctor. The structure and principles of the hospital.	Acquaintance with the structure of the hospital, preparation of medical documentation: filling out a medical history, registering sick leave, compiling an extract from the medical history.	7.5 hours	Reception Department
2	Respiratory diseases: Acute pneumonia. Bronchitis (COPD). Bronchial asthma. Pleurisy. Emphysema.	Under the supervision of the head of the department of therapy or pulmonology, the student: - accepts, examines and consults patients with respiratory diseases, - keeps a record of relevant medical records	7.5 hours	Department of Therapy or Specialized Pulmonology department
3	Heart Disease: Rheumatism. Hypertonic disease. Atherosclerosis. Coronary heart disease. Angina pectoris. Chronic heart failure. Pericarditis and myocarditis and cardiomyopathy.	Determination of blood pressure, measurement and assessment of the pulse in patients with heart disease: - accepts, examines and consults patients with heart diseases, - keeps a record of relevant medical records - work and participation in ECG research, echocardiography, chest x-ray, stress test,	7.5 hours	Department of Therapy or Specialized Cardiology department, patients
4	Kidney Disease: Acute and chronic glomerulonephritis. Amyloidosis of the	Under the guidance of the head of the department of therapy or nephrology, a student:	7.5 hours	Department of Therapy or Specialized Nephrology

	kidneys. Nephrotic syndrome. Chronic pyelonephritis. Chronic renal failure.	<ul style="list-style-type: none"> - receives, examines and consults patients with kidney diseases, - Keeps records of relevant medical records 		department, patients
Clinical practice on Surgery				
5	Bleeding and hemorrhage. Concept, classification, first aid and treatment. Methods for stopping external bleeding.	<p>Reception and first aid for patients with bleeding and hemorrhage:</p> <ul style="list-style-type: none"> - Assistance and participation in stopping external bleeding, - Use of local anesthesia, intravenous transfusion of blood products and blood substitutes if indicated, - Keeps records of relevant medical records 	7.5 hours	Reception and / or surgery / resuscitation department, patients
6	Acute appendicitis.	<p>Acceptance of patients with a suspected diagnosis of acute appendicitis:</p> <ul style="list-style-type: none"> - Examination of patients and diagnosis of acute appendicitis, -Direct participation and assisting in the surgical treatment of acute appendicitis, - filling out medical documentation 	7.5 hours	Reception and / or surgery department, patients
7	Acute cholecystitis.	<p>Admission of patients with a suspected diagnosis of acute cholecystitis:</p> <ul style="list-style-type: none"> - Examination of patients, diagnosis and differential diagnosis of acute cholecystitis, -Direct participation and assistance in the surgical treatment of acute cholecystitis and cholelithiasis, - filling out medical documentation 	7.5 hours	Reception and / or surgery department, patients
8	Acute pancreatitis.	<p>Acceptance of patients with a suspected diagnosis of acute pancreatitis:</p> <ul style="list-style-type: none"> - Examination of patients, diagnosis and differential diagnosis, -Direct participation and assistance in the treatment of acute pancreatitis, - filling out medical documentation 	7.5 hours	History of disease and patients

Clinical practice on Obstetrics				
9	Diagnosis of pregnancy. Inspection Methods.	-The student gets acquainted with the basic principles of the sanitary-epidemiological regime, the care and preparation of pregnant women for childbirth, - Acquainted with the methods of examination and direct participation in the examination of pregnant women, - filling out medical documentation	7 hours	Maternity hospital admission department, pregnant.
10	Delivery is urgent and premature. Clinic and management.	-Know the clinic and how to manage urgent and premature delivery, - examination and direct participation in delivery, - filling out medical documentation	7 hours	Admission department, pregnant.
11	Methods of examination of gynecological patients.	- The student gets acquainted with the basic principles of the sanitary-epidemiological regime, the care of gynecological patients, - Acquainted with the methods of examination and direct participation in the examination of gynecological patients, - filling out medical documentation	7 hours	Maternity room, a woman in labor postnatalward
12	Clinic, diagnosis, treatment of specific and non-specific inflammatory diseases of the external and internal genital organs.	-Reception and examination of patients with underlying gynecological diseases, - Acquainted with the methods of examination and direct participation in the treatment of inflammatory gynecological diseases, - filling out medical documentation	7 hours	Maternity room, postnatal ward. Gynecological room, patients Intensive care unit.
	Concluding session. Precepts of the Ministry of Healthcare of the Kyrgyz Republic.	Testing practical and theoretical skills.	2 hours	IMF of OshSU
Total			90 hours (2weeks)	

Example of fulfilling of the diary of practical training:

Date: 06/20/2020. 9 a.m. - 3 p.m.

Completed work:

I got acquainted with the organization of work and the structure of the hospital.

I worked in the front desk. He took patients and filled out medical records.

I advised the patient about diet.

I prescribed treatment for a patient with exacerbation of chronic pyelonephritis.

(Describe the procedure for one patient)

Signature of Practice supervisor: _____

Date: « » 202 .

Work performed:

Signature of supervisor:

Date: «___» _____ 202__.

Work performed:

Signature of supervisor: _____

Date: «__» _____ 202 __.

Work performed:

Signature of supervisor: _____

Date: « » 202 .

Work performed:

Signature of supervisor: _____

Date: « » 202 .

Work performed:

Signature of supervisor: _____

Date: «__» _____ 202 __.

Work performed:

Signature of supervisor: _____

Test Standards for Practical Training

Type of practical training, the name of the manipulation (methodology)	Total	Performed independently
1. Examined patients in the hospital		
2. Duty in the hospital		
3. Duty in the admission department		
4. Presence on morning shift's delivery		
5. Participation in patient rounds		
6. Assistance for additional research: * X-ray investigations * Echocardiography * recording and analyzing of ECG * carrying out physiotherapy procedures * ultrasound of the abdominal cavity * endoscopic examinations		
7. Measurement of blood pressure, heart rate, heart rate assessment		
8. Participation in the pleural punctures		
9. Participation in resuscitation		
10. Participation and assistance in * urgent and premature birth, * physiological birth, - surgical delivery.		
11. Injection made: * intramuscular; * intravenous; * subcutaneous; * intradermal.		
12. Assistance in the surgical treatment of acute appendicitis		

13. Assistance in the surgical treatment of acute cholecystitis and cholelithiasis		
14. Emergency assistance in: Emergency care for acute respiratory failure *Emergency care for an attack of bronchial asthma *Emergency care for obstructive laryngotracheitis *Emergency care for poisoning and intoxication *Emergency care for acute dehydration *Emergency care for hyperthermia *Emergency cramps *Emergency care for fainting, collapse *Emergency care for sun and heat stroke *Emergency care for acute allergic reactions *Emergency care for neurotoxicosis *Emergency care for acute intestinal and respiratory infections *Emergency care for bites by animals, snakes and insects		

Signature of supervisor (from the hospital)

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 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 «____»
_____ 202__ passed the practical training as a «Hospital doctor
assistant» in the

_____ department

(Name of Hospital)

Assessment of student's work:

Signature of university supervisor (from the IMF) _____

Signature of the hospital supervisor (from the hospital) _____

Signature of the Director of Hospital _____

« ____ » _____ 202 ____

Stamp here (the round stamp of the medical establishment)

STUDENT’S COMMENTS AND SUGGESTIONS ABOUT THE PRACTICAL TRAINING

Date «___»_____202___

Student's signature _____