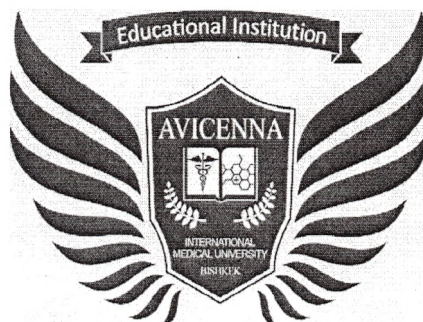


MINISTRY OF EDUCATION AND SCIENCE OF THE KYRGYZ  
REPUBLIC  
MINISTRY OF HEALTH OF THE KYRGYZ REPUBLIC  
INTERNATIONAL MEDICAL UNIVERSITY «AVICENNA»

«Agreed» by the  
Chairman of the EMC

Protocol № 4/9

on «07» 07 2024



«Approved» by the  
Rector Baigazakov A

Protocol № 07/07

on «07» 07 2024

PRACTICE PROGRAM FOR INTERNATIONAL MEDICAL STUDENTS  
«PHYSICIAN ASSISTANT AT THE FAMILY MEDICINE CENTER»

Specialty: **560001 «General Medicine»**

Cipher: 560001

Faculty: «General Medicine in English»

Semester: 8,9 \_\_\_\_\_

Hours: 180\_\_\_\_\_

The educational and methodical complex is compiled according  
to the requirements of the State educational standard  
in the specialty: 560001 «General Medicine»

The educational and methodological complex was developed by: Rezhepov A.

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Bishkek 2024

## **GENERAL PROVISIONS**

- The practice program is developed based on:
- The Law of the Kyrgyz Republic dated April 30, 2003, No. 92 "On Education";
- The order of the Ministry of Health of the Kyrgyz Republic dated April 16, 2012, No. 362 "On approval of the procedure for organizing and conducting practical training on the main educational programs of secondary, higher, and postgraduate medical and pharmaceutical education, additional professional educational programs";
- The requirements of the State Educational Standard of Higher Professional Education in the specialty "General Medicine";
- The Charter of the Educational-Scientific-Production Complex of the International University of Kyrgyzstan, the Regulations of the IMU (AVICENNA).

**TASKS AND CONTENT OF INDUSTRIAL PRACTICE** . Industrial practice of students is an essential link in the training of medical personnel and constitutes an integral part of the educational process. The main task of industrial practice is to obtain and improve practical knowledge and skills by future doctors in patient care, diagnosis, and medical assistance, familiarization with the organization and working conditions of middle medical personnel and doctors in regional, city, and district hospitals, outpatient services of polyclinics, and ambulance stations.

**ORGANIZATION OF INDUSTRIAL PRACTICE** 1. The industrial bases for students of the medical faculty of the IMU AVICENNA are regional, city, and district healthcare institutions in the city of Bishkek. 2. For valid reasons, students may undergo practice outside the industrial bases of the IMU AVICENNA specifically in healthcare institutions in their home country (provided there is a written application from the student with the visa of the dean of the faculty and the head of the industrial practice, as well as a petition from the head of the off-base healthcare institution). 3. The practice periods and distribution of students across bases are approved by the order of the rector of the IMU AVICENNA It is not allowed to shorten the practice periods or change the practice bases independently. 4. Depending on the working regime of the healthcare institution, students may work a six-day work week. The working day duration with a six-day work week is 8 hours. During the practice, the student must perform a certain number of duties. After duty, the practice program does not provide for exemption from work. 5. A student undergoing practice is obliged to:

- Undergo medical examinations annually;
- Arrive at the place of practice and start it on time;
- Study and strictly adhere to labor protection and safety rules, internal labor regulations, and the basics of the Kyrgyz Republic's legislation on public health protection;
- Complete the industrial practice program;
- Be responsible for the work performed and its results on par with regular employees;
- Keep a practice diary, recording all completed work;
- Submit a written report on all assignments and pass the practice assessment to the practice supervisors;
- Timely submit all necessary documentation to the teacher responsible for industrial practice at the medical faculty within the period specified in the practice order

## **SUMMING UP THE PRACTICE**

At the end of the practice, the student must fully complete all reporting sections of the diary. The direct supervisor of the practice checks and signs it and provides a work characterization of the student with an evaluation based on a five-point scale. The diary must be signed by the direct supervisor of the practice on each page. Work in auxiliary departments, such as the central sterilization department, and offices (X-ray, functional diagnostics, physiotherapy, etc.) must be verified by the signature of the doctor or middle medical personnel of the corresponding department and office. At the end of the practice, the report and characterization of the student are signed by the direct supervisor of the practice.

Students who, for valid reasons, undergo practice outside the educational bases of the IMU AVICENNA, must provide a practice report signed by the direct supervisor of the practice and certified with the seal of the healthcare institution. Without the signature and seal of the healthcare institution, the practice is considered invalid. At the end of the practice at the production bases, a pass/fail assessment is conducted. The final grade for the practice is given by the supervisor based on the student's characterization, the quality of the practice diary, and the results of the pass/fail assessment. Additionally, the conduct of health education work is taken into account.

### **A grade of "excellent" is given based on the following criteria:**

- The practice program, including health education work, is completed fully and without remarks;

- The student had no disciplinary violations;
- The diary provides a clear understanding of the completed work, and the entries in the diary are well-written;
- The student has an excellent characterization from the direct supervisor of the practice.

**A grade of "good":**

- The practice program is fully completed;
- The student had minor violations of the work schedule, such as occasional tardiness;
- The diary is written formally;
- The characterization given by the direct supervisor of the practice is good.

**A grade of "satisfactory":**

- The practice program is completed, but there are significant omissions;
- The student did not master all the procedures and approached the work carelessly;
- The diary is poorly maintained, with errors;
- The student is characterized as mediocre.

**A grade of "unsatisfactory":**

- The practice program is not completed, and the student has a negative characterization.

When undergoing practice at the clinical bases of the IMU AVICENNA, the diary is submitted for review to the practice supervisor in the last two days of the practice and, after review, to the dean's office of the IMU AVICENNA. Students who underwent practice at other bases must submit their diaries to the industrial practice department no later than the first week of the fall semester. Students who underwent practice individually must pass the assessment with the general practice supervisor within the first two weeks of the fall semester. A student who receives an unsatisfactory grade for industrial practice is sent for repeat practice during the student holidays or in the evening during the fall semester. In certain cases, the rector may consider the issue of expelling students from the university.

## **CONDUCTING INDUSTRIAL PRACTICE**

### **FOR 8,9 SEMESTERS**

#### **PRACTICE AS A MEDICAL ASSISTANT IN AN OUTPATIENT POLYCLINIC (GSP)**

Industrial practice for fourth-year students is conducted after the X semester, lasting for 20 weeks as an assistant to a district physician in urban and district outpatient polyclinics. Students work in the polyclinic under the direct supervision of the deputy chief physician for medical work or the head of the therapeutic department of the polyclinic, according to the schedule of the district therapist.

#### Goals:

1. Consolidate knowledge in recognizing and treating the most common diseases in the conditions of a district therapist's work, conducting population screening, acquiring skills in organizing and conducting sanitary-enlightenment and anti-epidemic work, and maintaining primary medical documentation in the area.
2. Consolidate theoretical knowledge and acquire skills in diagnosing and providing emergency care at the pre-hospital stage in emergency medical care conditions and maintaining primary medical documentation.

#### The student should know:

- the structure and organization of therapeutic and preventive work of the polyclinic, performance indicators;
- functional capabilities and equipment of all polyclinic departments;
- tasks and functions of stationary replacement forms of medical care for the population, schools for patients with bronchial asthma, diabetes mellitus, and arterial hypertension;
- organization of work of specialized offices (endocrinologist, pulmonologist, cardiologist, gastroenterologist, infectious disease specialist), prevention and expert commission departments;
- functional responsibilities of a district therapist;
- dispensary method of work in the polyclinic;
- organization of anti-epidemic measures in the area;

- norms of sanitary-enlightenment work;
- structure and organization of emergency medical care stations (what and where is located in the car), key performance indicators (timeliness of departure, duration of call).

The student should be able to:

- correctly fill out documentation handled by the district therapist;
- prescribe prescriptions (taking into account social rights to preferential medicines) for common medicines, narcotics, and equivalent drugs;
- determine the indications for hospitalization of patients of therapeutic profile and implement hospitalization in emergency and planned order;
- use legislation, instructions for determining work capacity; determine the reason for temporary incapacity for work, criteria for recovery and restoration of work capacity;
- determine the minimum necessary laboratory and instrumental studies informative for establishing a diagnosis;
- interpret the results of examinations (analyses, ECG and other functional methods, endoscopy, radiographic examination, etc.);
- provide the patient with recommendations for primary prevention, a healthy lifestyle considering their health status.

Requirements for the student in maintaining a practice diary:

1. The diary is an official report document on industrial practice, which should be filled out legibly, using proper medical terminology.
2. Entries in the diary are made daily and reflect all the work performed by the student.
3. On the first day of work, a brief description of the polyclinic is provided: the service area, population size, number of therapeutic departments or districts in the polyclinic, structural divisions of the polyclinic, types of medical care provided by the polyclinic. The characterization of the therapeutic district includes: district number, doctor's full name, length of service, presence of category, which city district is served, district boundaries, number of attached population, major

enterprises or institutions located in the district, dispensary groups of the population.

4. The practice lasts for 20 weeks. An individual work schedule for the student is drawn up depending on the working schedule of the district therapist.

5. When working in the therapeutic district with the district therapist, the student must conduct patient consultations and service home calls (active, primary). The diary should indicate the number of patients seen - total and how many of them are primary, dispensary, the number of serviced calls - total and how many of them are active. Document two patients from the consultation and one from the calls, indicating the first letter of the surname, age, clinical diagnosis, prescribed examinations and treatment (regimen, diet, names of medicinal products in Latin with dosage, frequency of intake), resolution of expert issues (issued or extended sick leave from... to... or form No036/student certificate).

6. When working with "narrow" specialists (cardiologist, pulmonologist, endocrinologist, gastroenterologist, infectious disease specialist), in the prevention department, at the clinical-expert commission (CEC), stationary replacement forms of medical care, and schools for patients with bronchial asthma, diabetes mellitus, arterial hypertension, orders under which they operate should be indicated in the diary, the number of patients seen. For example, document three patients in the diary, first letter of the surname, age, diagnosis, examination, treatment, expert decision. Participate in the consultation with at least one specialist for 3 hours or in the district - consultation or call (3-4 hours) and 3 hours with a "narrow" specialist.

7. Participation in conferences, conducted sanitary-enlightenment work is documented in the relevant sections of the diary and certified by the signature of the immediate supervisor of the practice.

8. The results of work in industrial practice are summarized in a summary report. Space is allocated in the diary for student remarks and wishes regarding industrial practice.

9. The diary is checked and signed on each page by the immediate supervisor of the practice. The characterization of the student's work in the polyclinic and in the ambulance is separately formalized by the head of the polyclinic department and

the head of the ambulance station. The characterization reflects the level of theoretical training, practical skills, knowledge of prescription writing, expert issues, ethics, recommended assessment for practice. The characterization is certified by the signature of the chief physician of the polyclinic (ambulance station) and the seal of the medical institution. In the absence of the specified signatures and stamp impression, the practice is not counted.

10. The final assessment for the practice is given by the practice supervisor at the IMU AVICENNA after checking the diary, taking into account the student's work characterization and practice exam results.

11. At the clinical bases of the IMU AVICENNA, the diary is handed over to the university practice supervisor on the day of the exam. Students who worked at other production bases submit the diary to the practice department no later than the first two weeks of the following semester.

Type of Work Done	Level of Mastery	Quantity
Admission of patients to the outpatient clinic	3	30
Servicing patients at home	3	30
Examination as part of dispensary observation	3	10
Examination as part of routine check-ups	3	
Admission of patients to the infectious diseases department	3	
Servicing emergency calls on ambulance	2	20
Admission of patients at the expert examination commission (KEK)	2	
Consultation of patients by specialists	2	10
Completion and maintenance of medical documentation		
- outpatient card (form-025)	3	30
- statistical record (form-025/u)	3	30
- control card of dispensary observation (f30/u)	3	10
- dispensary registration card (form-131/u)	3	10
- incapacity certificate	2-3	10

- referral form for hospitalization (form28)	2	10
- referral to the Medical-Social Expert Commission (form-088/u)	2-3	3
- health resort card (form-072/u)	2-3	3
- emergency notification of infectious disease (form-058/u)	2-3	1
- examination card of the focus of intestinal infection (form-171)	2-3	1
- outpatient card extract upon request	3	1
- ambulance call card (form-113)	3	20
- accompanying sheet of ambulance station (form-114)	3	20
- prescription forms 107/u and 148/u	2-3	30
Evaluation of clinical blood tests, biochemical blood tests, urine, feces, sputum, gastric and duodenal intubation	2-3	15
Recording, deciphering, and evaluating ECGs	2-3	20
Closed heart massage, artificial respiration by "mouth-to-mouth" method	2-3	1
First medical aid for fainting, hypertensive crisis, angina	3	5
First medical aid for myocardial infarction, lung edema, pulmonary artery thromboembolism, asthma attack, shock, coma, acute cerebrovascular accident	2-3	3

### Basic prophecy

1. Have an understanding, be professionally oriented, know indications for procedures, observe.
2. Participate.
3. Perform independently.