

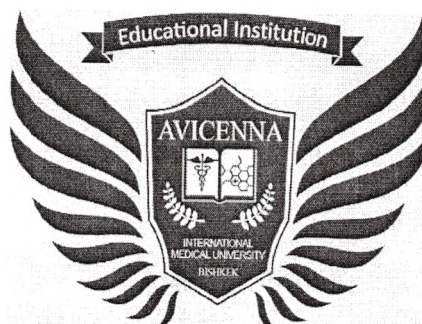
MINISTRY OF EDUCATION AND SCIENCE OF THE KYRGYZ
REPUBLIC

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

«Agreed» by the
Chairman of the EMC

Protocol № 4/1

on « 7 » 02 2024



«Approved» by the
Rector Baigazakov A

Protocol №

on « 7 » 02 2024



PRACTICE PROGRAM FOR INTERNATIONAL MEDICAL STUDENTS
«NURSING ASSISTANT»

Speciality: **560001** «General Medicine»

Cipher: 560001

Faculty: «General Medicine in English»

Semester: 3rd _____

Hours: 60 _____

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

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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 FIRST SEMESTER STUDENTS: ASSISTANT NURSE PRACTICE

The industrial practice for first-year students takes place during the academic semester with a workload of 20 weeks. The student works as an assistant to the junior medical staff in therapeutic or surgical departments, or in the emergency room.

Practice Objectives: Gain experience working in a real medical team, master the duties of junior medical staff, learn to independently perform certain medical procedures and manipulations, acquire skills in patient care, as well as knowledge of medical ethics and deontology.

Practice Organization:

1. Students arrive at the practice sites with a directive for practice, a diary, student ID, and medical record book.
2. The practice supervisor at the clinical site, together with the head nurse of the hospital, assigns students to therapeutic (including neurological) and surgical (including traumatological, gynecological) departments.
3. The senior nurse of the department schedules students' work in the departments, plans shift, work in the emergency room, procedural rooms, auxiliary offices, dressing rooms, and operating rooms.
4. The senior nurse acquaints students with safety rules, sanitary and epidemiological regime of the department, rules for prescribing and delivering medications to the department, organization of dietary nutrition.
5. The student's work is regularly monitored by the senior nurse and daily by medical staff depending on the workplace.
6. At the end of the practice, the senior nurse checks the practice diary and writes a characterization of the student, evaluating their work on a five-point scale.
7. Assessment of practice at the clinical site is carried out by a commission consisting of the senior nurse of the department, the immediate practice supervisor - an assistant of one of the departments of the medical faculty of UNPK MU, the overall practice supervisor of the medical faculty of UNPK MU. The assessment signed by the practice supervisor is entered into the student's practice diary.

8. Not allowed:

- Changing the duration of the practice without valid reason or without coordination with the responsible practice supervisor.
- Changing the recommended workload.

Rules for Diary Completion:

1. The diary is an official document for industrial practice. It should be written legibly, correctly, and in medical language.
2. Entries in the diary are made daily at the end of the working day and should reflect all the work done in the hospital units.
3. The completed work is daily certified by the signature of the nurse (stationary, procedural room, dressing room, etc.) or the senior nurse.
4. At the beginning of the practice report, a brief description of the department is given: the profile of the department, the number of beds, the staff of the department, the availability of auxiliary offices, etc.
5. After completing the practice, the student, based on the diary entries, must fill out a summary digital report on the work done.
6. Sanitary and educational work is carried out in the form of conversations, issuing newsletters; its content, place, and time of conduct should be reflected in the diary and certified by the signature of the immediate practice supervisor.

Key Skills to Be Acquired by Students During Industrial Practice:

1. Principles of organizing the work of medical institutions, sanitary and epidemiological regime of healthcare organizations.
2. Structure and equipment of structural and functional departments of healthcare organizations.
3. Principles of organizing the work of junior medical staff.
4. Features of observation and care for patients with diseases of various organ systems.
5. Features of observation and care for elderly and geriatric patients.
6. Features of care for patients in the pre and postoperative periods.
7. Features of care for traumatology patients.
8. Principles of providing pre-medical care in emergency situations.

Theoretical Basis of Industrial Practice for Assistant Nurses:

1. Duties of junior medical staff in the emergency department: admission and registration of patients, sanitary and epidemiological regime of the emergency department, types of sanitary treatment of premises and methods of transporting patients.
2. Duties of junior medical nurses in the medical ward: internal order of the medical ward, principles of sanitary treatment of premises and inventory in the department, organization of medical nutrition for patients, first pre-medical aid in emergency situations such as vomiting, fainting, nosebleeds.
3. Duties of junior medical staff in the sterilization department: principles of operation of sterilization equipment, preparation of materials for sterilization in an autoclave, technique of packing packs, types of post-sterilization control.

Schedule of Industrial Practice:

Work in hospital units Workload (weeks/hours)

Nursing station 14/100

Admission department 4/24

Laboratory diagnostics department 4/20

1. Work at the nursing station. Preparation of working disinfectant solutions. Wet cleaning of premises. Processing of medical equipment and inventory. Distribution of food to patients, feeding bedridden patients. Thermometry, filling out temperature sheets. Patient repositioning, use of functional beds. Blood pressure measurement, pulse determination, registration of examination results. Changing bed and personal linens for bedridden patients, assisting with personal hygiene, including skin care, daily hygiene, pressure sore prevention, hair care, nail trimming, eye, ear, nasal cavity, and oral care. Performing basic procedures: rubbing, applying medicinal creams, applying compresses, mustard plasters, cupping. Monitoring the sanitary condition of bedside tables. Monitoring patient visits. Gastric lavage with a thick tube. Preparation of patients for gastrointestinal X-ray examination. Enema administration, insertion of a gastric tube.

2. Work in the admission department. Anthropometry of incoming patients. Sanitary processing of incoming patients, treatment for pediculosis. Patient transportation to the ward, patient repositioning. Providing first aid to patients in emergency situations.

3. Work in the laboratory department. Sanitary processing of premises and inventory. Preparation of equipment and inventory for work. Delivery of biological fluids for analysis. Monitoring blood, urine, and stool tests. Completion of medical documentation.

4. Work in the central sterilization department. Preparation of materials for sterilization. Packing packs. Post-sterilization control. Sanitary treatment of the sterilization department.

Content of Ongoing and Final Assessment:

Ongoing assessment is conducted by immediate practice supervisors - station nurses and senior department nurses, as well as the practice supervisor at the clinical site. The content of control measures includes monitoring the direct performance of nursing procedures and manipulations, daily verification of entries in the practice diary reflecting all work done in hospital units.

Final assessment is carried out by the senior department nurse, the immediate practice supervisor from the university responsible for the industrial practice. The form of assessment is an exam. The content of control measures includes the senior department nurse checking the practice diary, writing a characterization of the student, evaluating their work on a five-point scale; practice exam (in the form of an interview) at the clinical site conducted by a commission consisting of the senior department nurse, the practice supervisor at the clinical site, the overall practice supervisor; the final assessment of the practice is determined by the assistant practice supervisor based on the student's characterization, evaluation of diary keeping quality, and completed workload (in accordance with the program), and interview results.

List of Exam Questions for Differential Credit:

1. Hygienic regime, compliance with environmental hygiene in healthcare facility premises.
2. Rules for receiving and storing products from relatives.
3. Means and methods of room disinfection and medical inventory.
4. Classification of medical waste. Waste disposal. Post-sterilization processing of syringes, rules for collecting and disposing of injection needles.
5. Rules for conducting anthropometry.
6. Rules for transportation within the hospital, repositioning of bedridden patients.

7. Preparation of patients for scheduled surgery - regimen (water and food intake) the day before and on the day of surgery, enema administration, shaving of the operative field.

8. Care and personal hygiene for severely weakened patients (oral, nasal, genital hygiene, hair washing).

9. Features of caring for patients with impaired consciousness, tube feeding, safe positioning.

10. Basic medical and diagnostic procedures performed by junior medical staff: temperature measurement technique, recording measurement results on a temperature sheet, rules for collecting urine for analysis, determining daily diuresis, humidified oxygen administration, functional bed usage, inhalation administration, sputum collection for analysis.