**SYLLABUS**

**Бастапқы медициналық күтім бағдарламасы**

**Программа первичной медицинской помощи**

**Primary Medical Care Program**

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| **1.** | **General information about the discipline** | | | |
| 1.1 | Faculty/School:  Graduate School of Medicine | | 1.6 | Credits (ECTS): |
| 1.2 | Educational program (EP):  6B10103 ЖАЛПЫ МЕДИЦИНА  6B10103 ОБЩАЯ МЕДИЦИНА  6B10103 GENERAL MEDICINE | | 1.7 | **Prerequisites:**  **Postrequisites:** |
| 1.3 | Agency and year of accreditation of the EP  IAAR 2021 | | 1.8 | SIW/SPM/SRD (qty):  30 hours |
| 1.4 | Name of discipline: Professional (internship) Practice "Doctor-specialist' assistent" | | 1.9 | SRSP/SRMP/SRDP (number):  30 hours |
| 1.5 | Discipline ID:  Discipline code:PP5319 | | 1.10 | ***Required - yes*** |
| **2.** | **Description of the discipline** | | | |
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| **3** | **Purpose of the discipline** | | | |
| to develop the skills of identifying, interpreting and critically evaluating information obtained during the examination of a patient with key clinical syndromes to draw up a diagnosis and treatment plan, make professional decisions based on the analysis of the rationality of diagnosis and applying the principles of evidence-based and personalized medicine | | | | |
| **4.** | **Learning outcomes (LО) by discipline (3-5)** | | | |
|  | LO disciplines | | LO according to the educational program,  with which the LO is associated by discipline  (LO No. from the EP passport) | |
| 1 | apply knowledge of basic and clinical disciplines to identify, interpret and critically evaluate the information obtained during the examination of a patient with key clinical syndromes (fever, chest pain, syncope, etc.) from the standpoint of an interdisciplinary approach; | Proficiency level | 1. To apply detailed knowledge of the typical structure and functions of the human body at the level from molecules to cells of organs and the whole organism; apply knowledge of the main pathological processes and biological damage that they cause. | |
| 2 | apply knowledge of basic and clinical disciplines to identify, interpret and critically evaluate the information obtained during the examination of a patient with key clinical syndromes (fever, chest pain, syncope, etc.) from the standpoint of an interdisciplinary approach; | Proficiency level | 1. Collect information from patients and other sources related to the diagnosis, treatment and prevention of common and emergency conditions, including the performance of diagnostic procedures. | |
| 3 | interpret, analyze, evaluate and prioritize relevant data to make a plan for diagnosis and management of the disease, apply this knowledge to solve the problem of differential diagnosis; | Proficiency level | 1. Identify and interpret the clinical symptoms and syndromes, the data of laboratory and instrumental methods of research of patients with the most common diseases in their typical manifestation and course in the age aspect; interpret, analyze, evaluate, and prioritize relevant data for developing a plan for diagnosing and managing a disease, including initiating appropriate interventions. | |
| 4 | make professional decisions based on the analysis of the rationality of diagnosis and applying the principles of evidence-based and personalized medicine;  - integrate clinical knowledge and skills to ensure an individual approach in the treatment of a particular patient and the promotion of his health in accordance with his needs | Proficiency level | 1. Integrate clinical skills and knowledge to provide individualized approach in the treatment of a specific patient, and the strengthening of health in accordance with its needs; make professional decisions based on the analysis of the rationality of diagnosis and applying the principles of evidence-based and personalized medicine. | |
| 5 | effectively collect, transmit and retain health information orally and in writing to provide safe and effective patient care | Proficiency level | 1. Apply knowledge of the basic principles of human behavior for effective communication and therapeutic and diagnostic process in compliance with the principles of ethics and deontology; apply knowledge of the psychology of the patient, taking into account cultural characteristics and race; demonstrate skills in teamwork, organization and management of the diagnostic and therapeutic process; effectively build dynamic relationships between doctor and patient, which occur before, during and after medical treatment; effectively communicate medical information verbally and in writing to provide safe and effective care for patients; work effectively in an interprofessional / multidisciplinary team with other health care professionals; | |
| 6 |  | Proficiency level | 1. To provide medical care for the most common diseases in patients of all age groups, in urgent and life-threatening conditions; | |
|  |  | Proficiency level | 1. To apply knowledge of the rights, duties and ways of protecting the rights of the physician and the patient, including the child as a patient, in their professional activities; apply medical knowledge, clinical skills and professional attitude to the patient regardless of his age, culture, faith, traditions, nationality, lifestyle. | |
|  | demonstrate communication skills when working with patients and legal representatives; teamwork, organization and management of the diagnostic and treatment process; | Proficiency level | 8. Analyze and maintain the necessary documentation and organization of documents in health care organizations; the use of modern information and digital technology, and health information systems for professional applications | |
|  | demonstrate the abilities and needs for continuous professional training and improvement of their knowledge and skills of professional activity | Proficiency level | 9. Apply knowledge of the principles and methods of formation a healthy human and family life, population health; apply knowledge of a set factors that determine health and disease for the purpose of prevention | |
| 7 | Demonstrate the need for continuing professional education and the improvement of their knowledge and skills throughout their professional activities | Proficiency level | 10. Demonstrate commitment to the highest standards of professional responsibility and honesty; observe ethical principles in all professional interactions with patients, families, colleagues and society as a whole, regardless of ethnic characteristics, culture, gender, economic status or sexual orientation; | |
| **5.** | **Summative assessment methods** (mark (yes – no) / specify your own): | | | |
| 5.1 | MCQ testing for understanding and application | | 5.5 | Scientific project SSRW (student’s scientific research work) |
| 5.2 | Practical skills – Miniclinical exam (MiniCex) | | 5.6 | 360 score - behavior and professionalism |
| 5.3 | 3. SIW- **creative task** | | 5.7 | Midterm control:  Stage 1 - MCQ testing for understanding and application  Stage 2 – passing practical skills (miniclinical exam (MiniCex) |
| 5.4 | Medical history | | 5.8 | Exam:  Stage 1 - Testing on MCQ for understanding and application  Stage 2 - OSCE with NP |
| PRACTICE SCORE IS DERIVED ON THE BASIS OF THE RESULTS IN THE BASIC DISCIPLINE AND DEFENCE OF THE SHIFTS AND THE PRACTICE DIARY | | | | |

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| **.** | **Detailed information about the discipline** | | | | | |
| 6.1 | Academic year:  2023-2024 | | | 6.3 | Timetable (сабақ күні, уақыт):  From 8.00 to14.00 | |
| 6.2 | Semester:  9-10 semester | | | 6.4 | Place  (educational building, office, platform and link to the DOT learning meeting):  City Clinical Hospital №1, City Clinical Hospital №7 | |
| **7.** | **Discipline leader** | | | | | |
| Position | | | Full name | Department | Contact information  (tel., e-mail) | Consultations before exams |
| Senior lecturer | | |  | Clinical discipline |  |  |
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| **12.** | | **Tutor Requirements and Bonus System** | | | | |
| **A student in accordance with an individual internship plan:**  **1)** supervises patients in organizations providing pre-medical medical care, emergency medical care, specialized medical care (including high-tech), primary health care, palliative care and medical rehabilitation;  2) participates in the appointment and implementation of diagnostic, therapeutic and preventive measures;  3) conducts documentation and sanitary and educational work among the population;  4) participates in preventive examinations, medical examinations, is present at consultations;  5) participates in clinical rounds, clinical reviews;  6) participates in duty at least four times a month in medical organizations (duty is not taken into account when calculating the workload of an internship student);  7) participates in clinical and clinical-anatomical conferences;  8) is present at pathoanatomical autopsies, participates in the research of autopsy, biopsy and surgical materials;  9) under the supervision of a scientific supervisor, collects material and analyzes data for a scientific project.  **Bonus system:**  For extraordinary achievements in the field of future professional activity (clinical, scientific, organizational, etc.), additional points up to 10% of the final assessment can be added to the student (by the decision of the department) | | | | | | |
| **13.** | | **Discipline policy (части, выделенные зеленым, пожалуйста, не изменяйте)** | | | | |
|  | | Discipline policy is determined by the University's Academic Policy and the University's Academic Integrity Policy. If the links do not open, then you can find the relevant documents in IS Univer.  **Rules of Professional Conduct:**   1. **Appearance:**  * office style of clothing (shorts, short skirts, open T-shirts are not allowed to attend university, jeans are not allowed in the clinic) * Clean and ironed coat * medical mask * medical cap (or a neat hijab without hanging ends) * medical gloves * changeable shoes * neat hairstyle, long hair should be gathered in a ponytail, or a bun, for both girls and guys. Neatly short cut nails. Bright, dark manicure is prohibited. It is permissible to cover the nails with transparent varnish. * badge with full name (full name)   2) Mandatory presence of a phonendoscope, tonometer, centimeter tape, (you can also have a pulse oximeter)  3) Properly executed sanitary (medical) book (before the start of classes and must be updated on time)  **4) \* Possession of a vaccination passport or other document confirming a fully completed course of vaccination against COVID-19 and influenza**  **5) Mandatory observance of the rules of personal hygiene and safety**  **6) Systematic preparation for the educational process.**  **7) Accurate and timely maintenance of reporting documentation.**  8) Active participation in medical-diagnostic and public events of the departments.  **A student without a medical book and vaccination will not be allowed to see patients.**  **A student who does not meet the requirements for appearance and / or from whom a strong / pungent odor emanates, since such a smell can provoke an undesirable reaction in the patient (obstruction, etc.) - is not allowed to the patients!**  **Преподаватель в праве принять решение о допуске к занятиям студентов, которые не выполняют требования профессионального поведения, включая требования клинической базы!**  **Study discipline:**   1. Being late for classes or the morning conference is not allowed. In case of being late, the decision on admission to the lesson is made by the teacher leading the lesson. If there is a good reason, inform the teacher about the delay and the reason by message or by phone. After the third delay, the student writes an explanatory note addressed to the head of the department indicating the reasons for being late and is sent to the dean's office to obtain admission to the lesson. If you are late without a valid reason, the teacher has the right to deduct points from the current grade (1 point for each minute of delay) 2. Religious events, holidays, etc. are not a valid reason for skipping, being late and distracting the teacher and the group from work during classes. 3. If you are late for a good reason - do not distract the group and the teacher from the lesson and quietly go to your place. 4. Leaving the class ahead of time, being outside the workplace during school hours is regarded as absenteeism. 5. Additional work of students during study hours (during practical classes and shifts) is not allowed. 6. For students who have more than 3 passes without notifying the curator and a good reason, a report is issued with a recommendation for expulsion. 7. Missed classes are not made up. 8. The internal regulations of the clinical bases of the department are fully applicable to students 9. Greet the teacher and any senior by standing up (in class) 10. Smoking (including the use of vapes, electronic cigarettes) is strictly prohibited on the territory of medical facilities (out-doors) and the university. Punishment - up to the annulment of boundary control, in case of repeated violation - the decision on admission to classes is made by the head of the department 11. Respectful attitude towards colleagues regardless of gender, age, nationality, religion, sexual orientation. 12. Have a laptop / laptop / tab / tablet with you for studying and passing MCQ tests for TBL, boundary and final controls. 13. Taking MCQ tests on phones and smartphones is strictly prohibited..   The behavior of the student at the exams is regulated by the "Rules for the final control", "Instructions for the final control of the autumn/spring semester of the current academic year" (the current documents are uploaded to the Univer IS and are updated before the start of the session); "Regulations on checking text documents of students for the presence of borrowings." | | | | |
| 14 | | 1. **Constantly preparing for classes:**  For example, backs up statements with relevant references, makes brief summaries  Demonstrates effective teaching skills, assists in teaching others  **2. Take responsibility for your learning:**  For example, manages their learning plan, actively tries to improve, critically evaluates information resources  3. **Actively participate in group learning:**  For example, actively participates in discussions, willingly takes tasks  **4. Demonstrate effective group skills**  For example, takes the initiative, shows respect and correctness towards others, helps to resolve misunderstandings and conflicts.  5. **Skillful communication skills with peers**:  For example, he listens actively, is receptive to nonverbal and emotional signals  Respectful attitude  **6. Highly developed professional skills:**  Eager to complete tasks, seek opportunities for more learning, confident and skilled  Compliance with ethics and deontology in relation to patients and medical staff  Observance of subordination.  **7. High introspection:**  For example, recognizes the limitations of his knowledge or abilities, without becoming defensive or reproaching others  **8. Highly developed critical thinking:**  For example, accordingly demonstrates skills in performing key tasks, such as generating hypotheses, applying knowledge to cases from practice, critically evaluating information, making conclusions aloud, explaining the process of reflection  **9. Fully complies with the rules of academic behavior with understanding, offers improvements in order to increase efficiency.**  Observes the ethics of communication – both oral and written (in chats and appeals)  **10. Fully follows the rules with full understanding of them, encourages other members of the group to adhere to the rules**  Strictly adheres to the principles of medical ethics and PRIMUM NON NOCER | | | | |
| **15.** | | **Distance/Online Learning – Prohibited in Clinical Discipline**  (части, выделенные зеленым, пожалуйста, не изменяйте) | | | | |
| 1. According to the order of the Ministry of Education and Science of the Republic of Kazakhstan No. 17513 dated October 9, 2018 "On approval of the List of areas of training with higher and postgraduate education, training in which in the form of external studies and online education is not allowed". According to the above regulatory document, specialties with the discipline code of health care: bachelor's degree (6B101), master's degree (7M101), residency (7R101), doctoral studies, (8D101) - training in the form of external study and online education - is not allowed.  Thus, students are prohibited from distance learning in any form. It is only allowed to work out a lesson in a discipline due to the absence of a student for reasons beyond his control and the presence of a timely confirming document (example: a health problem and presenting a confirming document - a medical certificate, a signal sheet of the PHC, an extract from a consultative appointment with a medical specialist - a doctor) | | | | | | |

**DIARY OF PRACTICE**

Name of the clinical base **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Number of beds \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ number of branches \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Diagnostic, functional rooms (list) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Supervised patients, participation in operations, manipulations, including diagnostic ones, reflecting the degree of participation**

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| **№** | **Full name, age** | **№ DH** | **Clinical diagnosis** | **Comments, photo** |
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**Prepared clinical reviews**

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| **№** | **Full name, age** | **№ DH** | **Clinical diagnosis** | **Comments, photo** |
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**Participation in consultations, pathological conferences (KILI), professorial rounds**

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| **№** | **Full name, age** | **№ HD** | **Clinical diagnosis** | **Conclusion, comments, photo** |
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**The list of mastered skills (the list of required skills are reflected in syllabuses for disciplines)**

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| **№** | **Skill** | **Degree of development** | **Full name, patient's age, diagnosis and situation** | **Conclusion, comments, photo** |
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**Duty in the department, in the admissions department**

**CHECK - duty sheet**

**(15 day/night duties or 7 daily duties per semester – there must be an appropriate number of checklists)**

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| Filled in by a student | Student's full name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Speciality \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  № group \_\_\_\_\_\_\_\_\_\_ Duty date \_\_\_\_\_\_\_\_\_\_\_\_\_\_ 20\_\_\_\_ y. |
| Filled in by the doctor on duty | Start time of duty \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  End of duty time \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Surname, first name, patronymic of the doctor on duty (in full) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Number of patients admitted to the clinic for duty \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Number of self-admitted patients with disease history\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Number of patients left under observation and examined \_\_\_\_\_\_\_\_\_\_\_\_\_  **Registration of each patient (entry for the case history):**   |  |  |  |  | | --- | --- | --- | --- | | Competently and accurately, in a timely manner | **10 9 8 7 6 5 4 3 2 1 0** | Sloppy, chaotic, not at the right time | | | **Practical skills**  Committed to fulfillment, looking for opportunities, confident and qualified | **10 9 8 7 6 5 4 3 2 1 0** | Clumsy, fearful, refusing to try even basic procedures | | **Help on duty**  Responsible, strives to be useful | **10 9 8 7 6 5 4 3 2 1 0** | Unexplained absences, unreliable | |
| Filled in by the teacher | **Report for duty:**   |  |  |  | | --- | --- | --- | | focus on problems, selection of key facts, full knowledge of the situation | **10 9 8 7 6 5 4 3 2 1 0** | Lack of control of the situation, many important omissions, many clarifying questions |   Total score \_\_\_\_\_\_\_\_\_  Comments: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Full name of the teacher (in full) who accepted the report \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**CHARACTERISTICS OF THE STUDENT'S WORK**

**360° Assessment Checklist Practice Leader**

Full name of head of department \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_

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|  | **Very good** | **Criteria and scores** | **Unsatisfactory** |
| **1** | Responsible, strives to be helpful | **Reliability**  **10 9 8 7 6 5 4 3 2 1** | Unexplained absences, unreliable |
| **2** | Responds appropriately, consistently improves, learning from mistakes | **Answer to instruction**  **10 9 8 7 6 5 4 3 2 1** | No response, no improvement |
| **3** | Good knowledge and outlook, eager to know more | **Education**  **10 9 8 7 6 5 4 3 2 1** | No desire, no knowledge |
| **4** | Gaining trust | **Attitude to the patient**  **10 9 8 7 6 5 4 3 2 1** | Avoids personal contact |
| **5** | Sets the tone for mutual respect and dignity | **Relationship with collegue**  **10 9 8 7 6 5 4 3 2 1** | Unreliable, can substitute |
| **6** | Sets the tone for mutual respect and dignity | **Realationship with medical workers**  **10 9 8 7 6 5 4 3 2 1** | Unreliable, rude, tactless |
| **7** | Complete self-control, constructive solutions | **Actions under stress**  **10 9 8 7 6 5 4 3 2 1** | Inadequate, stupor |
| **8** | Student knows how to organize work or is an effective team member | **Group skills**  **10 9 8 7 6 5 4 3 2 1** | Unreliable or subversive |
| **9** | Competently and accurately, in a timely manner | **Keeping a medical history**  **10 9 8 7 6 5 4 3 2 1** | Sloppy, chaotic, out of time |
| **10** | Committed to fulfillment, looking for opportunities, confident and qualified | **Practical skills**  **10 9 8 7 6 5 4 3 2 1** | Clumsy, fearful, refusing to try even basic procedures |
|  | **Total** | **\_\_\_\_\_ Scores** |  |