

|                                                                                                                   |                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA<br/> AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL<br/> ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»<br>Syllabus of the discipline «Basics of General Medical Practice»           | 044-61/<br>Page 1 from 28                                                                                                                                                                       |

## SYLLABUS OF THE DISCIPLINE «BASICS OF GENERAL MEDICAL PRACTICE»

Educational program 6B10101 «General medicine»

|                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                 |      |                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------|
| 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                          | General information about the discipline:                                                                                                                                                                                                                       |      |                                     |
| 1.1                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Discipline Code: BGMP 5301                                                                                                                                                                                                                                      | 1.6  | Academic year: 2025-2026            |
| 1.2                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Discipline name: Basics of general medical practice                                                                                                                                                                                                             | 1.7  | Course: 5                           |
| 1.3                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Prerequisites: Propedeutics of internal and children's diseases, internal diseases, childhood diseases.                                                                                                                                                         | 1.8  | Semester: 9                         |
| 1.4                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Post requisites: internship in general medical practice.                                                                                                                                                                                                        | 1.9  | Amount of credits (ECTS): 6 credits |
| 1.5                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Cycle: PD                                                                                                                                                                                                                                                       | 1.10 | Component: UK                       |
| 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Course description:                                                                                                                                                                                                                                             |      |                                     |
| Organization of the work of primary care physicians, basics of outpatient clinic management. Maintenance of accounting and reporting documentation, medical audit in primary care. Effective interaction with specialists and patients in solving health problems. Algorithms for rational differential diagnostics, tactics of management and dynamic observation of patients. Provision of emergency and urgent emergency care at the pre-hospital stage. |                                                                                                                                                                                                                                                                 |      |                                     |
| 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Summative assessment form:                                                                                                                                                                                                                                      |      |                                     |
| 3.1                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Testing +                                                                                                                                                                                                                                                       | 3.5  | Coursework                          |
| 3.2                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Writing                                                                                                                                                                                                                                                         | 3.6  | Essay                               |
| 3.3                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Oral                                                                                                                                                                                                                                                            | 3.7  | Project                             |
| 3.4                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Certification of practical skills+                                                                                                                                                                                                                              | 3.8  | SP, CBL                             |
| 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Purpose of the discipline:                                                                                                                                                                                                                                      |      |                                     |
| To prepare a general practitioner who has a system of general cultural and professional competencies, capable and ready for independent work.                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                 |      |                                     |
| 5.                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Learning outcomes (Discipline learning outcomes):                                                                                                                                                                                                               |      |                                     |
| DLO1.                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Provides outpatient care, management and dynamic observation of pediatric and adult patients, prevention and early detection of diseases, examination of temporary and permanent disability in accordance with clinical protocols and standards of medical care |      |                                     |

|                                                                                                                          |                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA</b><br/> <b>AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL</b><br/> <b>ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»<br>Syllabus of the discipline «Basics of General Medical Practice»                  | 044-61/<br>Page 2 from 28                                                                                                                                                                              |

|           |                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                     |                          |                           |                                                 |                                 |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------|-------------------------------------------------|---------------------------------|
| DLO 2.    | Provides emergency and urgent medical care in accordance with clinical protocols and standards for the provision of medical care                                                                                                                                                            |                                                                                                                                                                                                                                                     |                          |                           |                                                 |                                 |
| DLO 3.    | Maintains medical records, analyzes medical and statistical information in accordance with the requirements of regulatory legal acts in the field of healthcare                                                                                                                             |                                                                                                                                                                                                                                                     |                          |                           |                                                 |                                 |
| DLO 4.    | Able to apply information technologies in healthcare, knows the principles of implementing compulsory health insurance, applies scientific principles, methods and knowledge in medical practice and research, introduces new methods into clinical practice                                |                                                                                                                                                                                                                                                     |                          |                           |                                                 |                                 |
| DLO 5.    | Communicates effectively in medical practice, taking into account the peculiarities of patients' psychology, multiculturalism, observing the principles of medical ethics and deontology.                                                                                                   |                                                                                                                                                                                                                                                     |                          |                           |                                                 |                                 |
| 5.1       | <b>Discipline learning outcomes</b>                                                                                                                                                                                                                                                         | <b>The learning outcomes of the EP, which are associated with discipline LO</b>                                                                                                                                                                     |                          |                           |                                                 |                                 |
|           | DLO 1<br>DLO 2<br>DLO 3                                                                                                                                                                                                                                                                     | <b>LO 2.</b> Carries out his/her activities within the framework of the legislation of the Republic of Kazakhstan in the field of healthcare, is guided by them in his/her practical activities to ensure optimal medical care.                     |                          |                           |                                                 |                                 |
|           | DLO 5                                                                                                                                                                                                                                                                                       | <b>LO 3.</b> Adheres to the rules of ethics, deontology and subordination, demonstrates interpersonal and communication skills that lead to effective information exchange and cooperation with patients, their families and medical professionals. |                          |                           |                                                 |                                 |
|           | DLO 1                                                                                                                                                                                                                                                                                       | <b>LO 4.</b> Conducts effective measures aimed at the diagnosis, treatment, prevention of common and early forms of diseases.                                                                                                                       |                          |                           |                                                 |                                 |
|           | DLO 2                                                                                                                                                                                                                                                                                       | <b>LO 9.</b> Performs diagnostics, provides qualified and urgent medical care for urgent and life-threatening conditions                                                                                                                            |                          |                           |                                                 |                                 |
|           | DLO 3<br>DLO 5                                                                                                                                                                                                                                                                              | <b>LO 10.</b> Works in electronic databases of the healthcare system of the Republic of Kazakhstan, provides documentation of the processes of providing medical services                                                                           |                          |                           |                                                 |                                 |
| <b>6.</b> | <b>Details information of the discipline:</b>                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                     |                          |                           |                                                 |                                 |
| 6.1       | Location of the department: Shymkent, Medical Center "Ai-nury"<br>E-mail: vop1.k@mail.ru<br>Questions about training and / or technical support, please call and/or inform by e-mail indicated on the site of JSC "SKMA" in the section CALL-Center, Helpdesk on the main page of the site. |                                                                                                                                                                                                                                                     |                          |                           |                                                 |                                 |
| 6.2       | <b>Number of hours</b>                                                                                                                                                                                                                                                                      | <b>Lectures</b>                                                                                                                                                                                                                                     | <b>Practical lessons</b> | <b>laboratory lessons</b> | <b>Independent work under the guidance of a</b> | <b>Indep. work of a student</b> |

|                                                                                                              |                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ОНТУСТІК-ҚАЗАҚСТАН<br><b>MEDISINA<br/>         AKADEMIASY</b><br>«Оңтүстік Қазақстан медицина академиясы» АҚ |  SOUTH KAZAKHSTAN<br><b>MEDICAL<br/>         ACADEMY</b><br>АО «Южно-Казахстанская медицинская академия» |
| Department: «General practitioner-1»                                                                         | 044-61/                                                                                                                                                                                    |
| Syllabus of the discipline «Basics of General Medical Practice»                                              | Page 3 from 28                                                                                                                                                                             |

|             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                            |                              |                                       |                                                |                            |                |  |
|-------------|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------|------------------------------------------------|----------------------------|----------------|--|
|             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                            |                              |                                       |                                                |                            | <b>teacher</b> |  |
|             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                            | 15                           | 45                                    | -                                              | 18                         | 102            |  |
| 7.          | Information about teachers:                                   |                                                                                                                                                                                                                                                                                                                                                                                                                            |                              |                                       |                                                |                            |                |  |
| №           | FULL NAME                                                     | Scientist and academic degree, position                                                                                                                                                                                                                                                                                                                                                                                    | Email address                | Priority scientific interests and et. | Achievements                                   |                            |                |  |
| 1.          | Abdraimova Saule                                              | assistant                                                                                                                                                                                                                                                                                                                                                                                                                  | S_abdraimova@mail.ru         | Pulmonology                           | Educational technologies. Simulation training. |                            |                |  |
| 2           | Suleimenkizi Perizat                                          | assistant                                                                                                                                                                                                                                                                                                                                                                                                                  | P_ Suleimenkizi @mail.ru     | GP                                    | Educational technologies. Simulation training. |                            |                |  |
| 3           | Kalen S.                                                      | assistant                                                                                                                                                                                                                                                                                                                                                                                                                  | S_Kalen@mail.ru              | GP, neuropathology                    | Educational technologies.                      |                            |                |  |
| 4           | Ababakirova Dilsara                                           | assistant                                                                                                                                                                                                                                                                                                                                                                                                                  | Dilsara_ababakirova@mail.ru  | GP                                    | Educational technologies. Simulation training. |                            |                |  |
| 8.          | Thematic plan:                                                |                                                                                                                                                                                                                                                                                                                                                                                                                            |                              |                                       |                                                |                            |                |  |
| A week/ day | Topic                                                         | Summary                                                                                                                                                                                                                                                                                                                                                                                                                    | Discipline learning outcomes | Number of hours                       | Forms / methods / learning technologies        | Forms / assessment methods |                |  |
| 1           | <b>Lecture.</b><br>Topic: Basics of general medical practice. | Definition of specialty and general practitioner. Philosophy and principles of family medicine. The main regulatory legal acts on PHC. Organization of the work of a family medical outpatient clinic. General principles of patient-centered counseling. Identification of risk factors, principles of early diagnosis and prevention of socially significant diseases. Criteria for evaluating the effectiveness of GPs. | DLO<br>1,2,3,4               | 1                                     | Overview lecture                               | Feedback                   |                |  |

|                                                                                                                          |                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA</b><br/> <b>AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL</b><br/> <b>ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»                                                                                     | 044-61/                                                                                                                                                                                                |
| Syllabus of the discipline «Basics of General Medical Practice»                                                          | Page 4 from 28                                                                                                                                                                                         |

|   |                                                                                                                                               |                                                                                                                                                                                                                                                                                                                |                |     |                                                                       |                                         |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|-----------------------------------------------------------------------|-----------------------------------------|
|   | <b>Practical lesson.</b><br>Topic: Pneumonia, acute and chronic bronchitis in GMP.                                                            | Epidemiology. Etiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.                                                                                                                   | DLO<br>1,2,3   | 3   | "Standardized patient" method                                         | oral survey, test tasks, checklists     |
|   | <b>SIWT.</b> Consultation on the implementation of SIW 1.<br><b>SIW task</b><br><b>Topic:</b> Pneumonia, acute and chronic bronchitis in GMP. | Epidemiology. Etiology. Classification. Diagnostics. Outpatient management tactics. Features of the management of elderly and senile people. Indications for hospitalization in a hospital, in a day hospital. Dynamic observation. Issues of medical and labor expertise. Rehabilitation program. Prevention. | DLO<br>1,2,3   | 1/7 | Practical work in the GP department                                   | checklists of work in the GP department |
| 2 | <b>Lecture.</b><br><b>Topic:</b> Pneumonia.                                                                                                   | Epidemiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.                                                                                                                             | DLO<br>1,2,3   | 1   | Thematic lecture                                                      | Feedback                                |
|   | <b>Practical lesson.</b><br><b>Topic:</b> COPD, bronchial asthma, chronic cor pulmonale, respiratory failure in GMP.                          | Epidemiology. Etiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.                                                                                                                   | DLO<br>1,2,3,4 | 3   | CBL                                                                   | oral survey, test tasks, checklists     |
|   | <b>SIWT.</b> Consultation on the implementation of SIW 2.<br><b>SIW task</b><br><b>Topic:</b> COPD, bronchial                                 | Respiratory Failure Syndrome. Classification, clinical manifestations, modern approaches to therapy. Management tactics at the prehospital stage. Chronic cor pulmonale. Epidemiology. Screening. Classification. Risk factors.                                                                                | DLO<br>1,2,3,4 | 1/7 | Practical work in the GP department. Analysis of scientific articles. | checklists                              |

|                                                                                                                          |                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA</b><br/> <b>AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL</b><br/> <b>ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»                                                                                     | 044-61/                                                                                                                                                                                                |
| Syllabus of the discipline «Basics of General Medical Practice»                                                          | Page 5 from 28                                                                                                                                                                                         |

|   |                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |     |                                     |                                         |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|-------------------------------------|-----------------------------------------|
|   | asthma, chronic cor pulmonale, respiratory failure in GMP.                                                                                                               | Diagnostics. Outpatient management tactics. Indications for hospitalization in a hospital, in a day hospital. Dynamic observation. Questions of medical and labor expertise. Prevention.                                                                                                                                                                                                                                                                                            |                |     |                                     |                                         |
| 3 | <b>Lecture.</b><br>Topic: Acute coronary syndrome in GMP.                                                                                                                | Epidemiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.                                                                                                                                                                                                                                                                                                  | DLO<br>12,3,4  | 1   | Thematic lecture                    | Feedback                                |
|   | <b>Practical lesson.</b><br>Topic: Acute coronary syndrome, arterial hypertension, metabolic syndrome in GMP.                                                            | Epidemiology. Etiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.                                                                                                                                                                                                                                                                                        | DLO<br>1,2,3,4 | 3   | "Standardized patient" method       | oral survey, test tasks, checklists     |
|   | <b>SIWT.</b> Consultation on the implementation of SIW 3.<br><b>SIW task</b><br><b>Topic:</b> Acute coronary syndrome, arterial hypertension, metabolic syndrome in GMP. | Atherosclerosis. Angina pectoris. Myocardial infarction. Epidemiology. Classification. Screening. Risk factors. Basic and additional diagnostic measures on an outpatient basis. Principles of outpatient management before and after hospital discharge. Dynamic observation. Questions of medical and labor expertise. Prognosis after myocardial infarction. Indications for hospitalization in a hospital, in a day hospital. Spa treatment. Rehabilitation program. Prevention | DLO<br>1,2,3,4 | 1/7 | Practical work in the GP department | checklists of work in the GP department |
| 4 | <b>Lecture.</b><br>Topic: Arterial                                                                                                                                       | Epidemiology. Classification. Diagnostics. Outpatient management tactics. Indications for                                                                                                                                                                                                                                                                                                                                                                                           | DLO<br>1,2,3   | 1   | Thematic lecture                    | Feedback                                |

|                                                                                                                          |                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA</b><br/> <b>AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL</b><br/> <b>ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»                                                                                     | 044-61/                                                                                                                                                                                                |
| Syllabus of the discipline «Basics of General Medical Practice»                                                          | Page 6 from 28                                                                                                                                                                                         |

|   |                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |     |                                     |                                         |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|-------------------------------------|-----------------------------------------|
|   | hypertension in GMP.                                                                                                                                           | hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.                                                                                                                                                                                                                                                                                                                                                                                                                         |                |     |                                     |                                         |
|   | <b>Practical lesson.</b><br>Topic: Rhythm disturbance syndrome, circulatory failure in the practice of GMP.                                                    | Epidemiology. Etiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.                                                                                                                                                                                                                                                                                                                     | DLO<br>1,2,3,4 | 3   | CBL                                 | oral survey, test tasks, checklists     |
|   | <b>SIWT.</b> Consultation on the implementation of SIW 4.<br><b>SIW task</b><br><b>Topic:</b> Syndrome of rhythm disturbances, circulatory failure in the GMP. | Types of arrhythmias. Main reasons. Clinical and ECG signs of extrasystole, atrial fibrillation. Violation of conductivity. Outpatient diagnostic search algorithm. Management tactics on an outpatient basis, taking into account the characteristics of the course in pregnant women, elderly and senile persons, the presence of concomitant pathology. Indications for hospitalization in a hospital, in a day hospital. Issues of medical and labor expertise. Rehabilitation program. Dynamic observation. | DLO<br>1,2,3,4 | 1/7 | Practical work in the GP department | checklists of work in the GP department |
| 5 | <b>Lecture.</b><br><b>Topic:</b> Acute rheumatic fever and chronic rheumatic heart disease in GMP.                                                             | Epidemiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.                                                                                                                                                                                                                                                                                                                               | DLO<br>1,2,3   | 1   | Thematic lecture                    | Feedback                                |
|   | <b>Practical lesson.</b><br>Topic: Acute rheumatic fever, CRHD, heart defects, rheumatoid                                                                      | Epidemiology. Etiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor                                                                                                                                                                                                                                                                                                                                            | DLO<br>1,2,3   | 3   | CBL                                 | oral survey, test tasks, checklists     |

|                                                                                                                          |                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA</b><br/> <b>AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL</b><br/> <b>ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»<br>Syllabus of the discipline «Basics of General Medical Practice»                  | 044-61/<br>Page 7 from 28                                                                                                                                                                              |

|   |                                                                                                                                                                                                            |                                                                                                                                                                                                                                                       |              |     |                                     |                                         |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----|-------------------------------------|-----------------------------------------|
|   | arthritis, osteoporosis, reactive arthritis, podagra in GMP.                                                                                                                                               | expertise. Prevention.                                                                                                                                                                                                                                |              |     |                                     |                                         |
|   | <b>SIWT.</b> Consultation on the implementation of SIW 5.<br><b>SIW task</b><br>Topic: Acute rheumatic fever, CRHD, heart defects, rheumatoid arthritis, osteoporosis, reactive arthritis, podagra in GMP. | Epidemiology. Classification. Hemodynamics of heart defects. Risk factors. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Questions of medical and labor expertise. Patient education. Prevention. | DLO<br>1,2,3 | 1/7 | Practical work in the GP department | checklists of work in the GP department |
| 6 | <b>Lecture.</b><br>Topic: Peptic ulcer disease in GMP.                                                                                                                                                     | Epidemiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.                                                                    | DLO<br>1,2,3 | 1   | Thematic lecture                    | Feedback                                |
|   | <b>Practical lesson.</b><br>Topic: Gastritis, peptic ulcer, pancreatitis, cholecystitis in GMP.                                                                                                            | Epidemiology. Etiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.                                                          | DLO<br>1,2,3 | 3   | CBL                                 | oral survey, test tasks, checklists     |
|   | <b>SIWT.</b> Consultation on the implementation of the SIW 6.<br><b>SIW task</b><br><b>Topic:</b> Gastritis, peptic                                                                                        | GERD, HP-associated conditions: gastritis, peptic ulcer. Epidemiology. Screening. Classification. Risk factors. Diagnostics. Features of the management of sick children, adolescents, elderly and senile people.                                     | DLO<br>1,2,3 | 1/7 | Practical work in the GP department | checklists of work in the GP department |

|                                                                                                       |                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>ONTÜSTIK-QAZAQSTAN<br/>MEDISINA<br/>AKADEMIASY<br/>«Оңтүстік Қазақстан медицина академиясы» АҚ</p> |  <p>SOUTH KAZAKHSTAN<br/>MEDICAL<br/>ACADEMY<br/>АО «Южно-Казахстанская медицинская академия»</p> |
| Department: «General practitioner-1»                                                                  | 044-61/                                                                                                                                                                             |
| Syllabus of the discipline «Basics of General Medical Practice»                                       | Page 8 from 28                                                                                                                                                                      |

|   |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                          |              |         |                                                 |                                         |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|-------------------------------------------------|-----------------------------------------|
|   | ulcer, pancreatitis, cholecystitis, hepatitis, cirrhosis of the liver in GMP.                                                                                                                                      | Outpatient management tactics. Indications for hospitalization in a hospital, in a day hospital. Dynamic observation. Questions of medical and labor expertise. Prevention.                                                                                                                              |              |         |                                                 |                                         |
| 7 | <b>Lecture.</b><br>Topic: Chronic pyelonephritis in GMP.                                                                                                                                                           | Epidemiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.                                                                                                                       | DLO<br>1,2,3 | 1       | Thematic lecture                                | Feedback                                |
|   | <b>Practical lesson.</b><br>Topic: Acute and chronic pyelonephritis, acute and chronic glomerulonephritis, chronic renal failure in GMP.                                                                           | Epidemiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.                                                                                                                       | DLO<br>1,2,3 | 3       | CBL                                             | oral survey, test tasks, checklists     |
|   | <b>SIWT.</b> Consultation on the implementation of SIW 7.<br><b>SIW task</b><br>Topic: Acute and chronic pyelonephritis, acute and chronic glomerulonephritis, chronic renal failure in GMP.<br><b>Midterm № 1</b> | Epidemiology. Screening. Classification. Risk factors. Diagnostics. Outpatient management tactics. Features of the management of elderly and senile people. Indications for hospitalization in a hospital, in a day hospital. Dynamic observation. Questions of medical and labor expertise. Prevention. | DLO<br>1,2,3 | 2,5/5,5 | Practical work in the GP department<br><br>Oral | checklists of work in the GP department |
| 8 | <b>Lecture.</b>                                                                                                                                                                                                    | Epidemiology. Classification. Diagnostics.                                                                                                                                                                                                                                                               | DLO          | 1       | Thematic lecture                                | Feedback                                |

|                                                                                                                   |                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA<br/> AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL<br/> ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»                                                                              | 044-61/                                                                                                                                                                                         |
| Syllabus of the discipline «Basics of General Medical Practice»                                                   | Page 9 from 28                                                                                                                                                                                  |

|   |                                                                                                                                                                   |                                                                                                                                                                                              |              |     |                                     |                                         |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----|-------------------------------------|-----------------------------------------|
|   | Topic: Iron deficiency anemia in GMP.                                                                                                                             | Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.                                                      | 1,2,3        |     |                                     |                                         |
|   | <b>Practical lesson.</b><br>Topic: Iron deficiency, B12-deficiency anemia, acute and chronic leukemia in GMP.                                                     | Epidemiology. Etiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention. | DLO<br>1,2,3 | 3   | "Standardized patient" method       | oral survey, test tasks, checklists     |
|   | <b>SIWT.</b> Consultation on the implementation of SIW 8.<br><b>SIW task</b><br>Topic: Iron deficiency, B12-deficiency anemia, acute and chronic leukemia in GMP. | Epidemiology. Etiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention. | DLO<br>1,2,3 | 1/7 | Practical work in the GP department | checklists of work in the GP department |
| 9 | <b>Lecture.</b><br>Topic: Diabetes mellitus in GMP.                                                                                                               | Epidemiology. Etiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention. | DLO<br>1,2,3 | 1   | Thematic lecture                    | Feedback                                |
|   | <b>Practical lesson.</b><br>Topic: Diabetes mellitus, obesity in GMP.                                                                                             | Epidemiology. Etiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention. | DLO<br>1,2,3 | 3   | CBL                                 | oral survey, test tasks, checklists     |

|                                                                                                                          |                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA</b><br/> <b>AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL</b><br/> <b>ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»                                                                                     | 044-61/                                                                                                                                                                                                |
| Syllabus of the discipline «Basics of General Medical Practice»                                                          | Page 10 from 28                                                                                                                                                                                        |

|    |                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |     |                                     |                                         |
|----|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|-------------------------------------|-----------------------------------------|
|    | <b>SIWT.</b> Consultation on the implementation of SIW 9.<br><b>SIW task</b><br>Topic: Diabetes mellitus, obesity in GMP.          | Epidemiology. Screening. Classification. Risk factors. Diagnostics. Features of the management of sick children, adolescents, elderly and senile people. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Questions of medical and labor expertise. Patient education. Prevention                                                                                                                           | DLO<br>1,2,3   | 1/7 | Practical work in the GP department | checklists of work in the GP department |
| 10 | <b>Lecture.</b><br>Topic: Organization of medical care and preventive care for children at the PCH level.                          | Organization of medical and preventive care for newborns, young children. Patronage and active visits to pregnant women, newborns and young children in accordance with the universally progressive model of the patronage service. Preventive work: organization, implementation and monitoring of screening programs, clinical examination. Organization of the work of the child development room in PHC. Monitoring frequently ill children | DLO<br>1,2,3,4 | 1   | Overview lecture                    | Feedback                                |
|    | <b>Practical lesson.</b><br>Topic: Dispensary observation and rehabilitation of frequently ill children by a general practitioner. | Children who are often ill. WHO classification. The criterion for the inclusion of children in the «frequently ill children" group. Infectious index. Clinical forms. Social and hygienic aspects. Dispensary observation and medical and health-improving measures of frequently ill children.                                                                                                                                                 | DLO<br>1,2,3   | 3   | CBL                                 | oral survey, test tasks, checklists     |
|    | <b>SIWT.</b> Consultation on the implementation of SIW 10.                                                                         | The system of dispensary observation and medical and recreational activities in the work of GPs. Health criterion. Comprehensive                                                                                                                                                                                                                                                                                                                | DLO<br>1,2,3   | 1/7 | Practical work in the GP department | checklists of work in the GP department |

|                                                                                                                          |                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA</b><br/> <b>AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL</b><br/> <b>ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»<br>Syllabus of the discipline «Basics of General Medical Practice»                  | 044-61/<br>Page 11 from 28                                                                                                                                                                             |

|    |                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                             |              |     |                                     |                                         |
|----|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----|-------------------------------------|-----------------------------------------|
|    | <b>SIW task</b><br>Topic: Principles of prophylactic medical examination of healthy children.                                 | assessment of the level of children's health, the distribution of children by health groups. Screening tests for mass examinations. Age-related physiological constants of some functional systems.                                                                                                                                                         |              |     |                                     |                                         |
| 11 | <b>Lecture.</b><br>Topic: Rickets and rickytogenic conditions.                                                                | Vitamin D metabolism in the body. Metabolic disorders. Secondary rickets. Vitamin D-dependent rickets. Vitamin D-resistant rickets. Pathogenesis. Clinical classification. Diagnostic criteria. Diagnostic tests. Densitometry. Differential diagnosis. Treatment. Prevention. Dynamic observation. Hypervitaminosis D. Diagnostics. Treatment. Prevention. | DLO<br>1,2,3 | 1   | Thematic lecture                    | Feedback                                |
|    | <b>Practical lesson.</b><br>Topic: Management of patients with rickets                                                        | Criteria for assessing the severity of rickets (I, II, III degrees of severity). Criteria for assessing the status of vitamin D supply. Treatment. Antenatal and postnatal prophylaxis of rickets. Postnatal specific prophylaxis of rickets. Contraindications to the appointment of a prophylactic dose of vitamin D. Dynamic observation.                | DLO<br>1,2,3 | 3   | "Standardized patient" method       | oral survey, test tasks, checklists     |
|    | <b>SIWT.</b> Consultation on the implementation of SIW 11.<br><b>SIW task</b><br>Topic: Rickets. The consequences of rickets. | Clinical protocol: Rickets. The consequences of rickets. Classification. Clinic. Diagnostics. Treatment. Prevention. Dynamic observation.                                                                                                                                                                                                                   | DLO<br>1,2,3 | 1/7 | Practical work in the GP department | checklists of work in the GP department |

|                                                                                                                   |                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA<br/> AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL<br/> ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»<br>Syllabus of the discipline «Basics of General Medical Practice»           | 044-61/<br>Page 12 from 28                                                                                                                                                                      |

|    |                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |     |                                     |                                         |
|----|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|-------------------------------------|-----------------------------------------|
| 12 | <b>Lecture.</b><br>Topic: Immunoprophylaxis in children.                                                                              | Organization of work, planning of vaccinations, storage of vaccines. Indications and contraindications for vaccinations, timing and preparation of children for vaccinations. Immunoprophylaxis orders. Risk groups, individual vaccination schedule. Active immunization. National vaccination calendar. Gentle vaccination methods. Post-vaccination complications.                                                                                                                             | DLO<br>1,2,3   | 1   | Thematic lecture                    | Feedback                                |
|    | <b>Practical lesson.</b><br>Topic: Post-vaccination reactions and complications                                                       | The work of the immunization cabinet in primary care. Routine immunization of children and adolescents. Medical contraindications for preventive vaccinations. Post-vaccination reactions and complications. Allergic complications. Local and general allergic reactions. Vaccine-associated diseases. Treatment and prevention of post-vaccination reactions and complication reactions. Vaccine-associated diseases. Treatment and prevention of post-vaccination reactions and complications. | DLO<br>1,2,3,4 | 3   | "Standardized patient" method       | oral survey, test tasks, checklists     |
|    | <b>SIWT.</b> Consultation on the implementation of SIW 12.<br><b>SIW task</b><br>Topic: Immunoprophylaxis of children and adolescents | Classification of vaccine preparations. Live vaccines. Inactivated vaccines. Non-specific immunoprophylaxis. Specific immunoprophylaxis. Active and passive immunoprophylaxis. Factors affecting the formation of post-vaccination immunity. Criteria and methods for monitoring the effectiveness of immunization.                                                                                                                                                                               | DLO<br>1,2,3,4 | 1/7 | Practical work in the GP department | checklists of work in the GP department |

|                                                                                                                          |                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA</b><br/> <b>AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL</b><br/> <b>ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»<br>Syllabus of the discipline «Basics of General Medical Practice»                  | 044-61/<br>Page 13 from 28                                                                                                                                                                             |

|    |                                                                                                        |                                                                                                                                                                                                                                                                                                                                        |              |     |                                     |                                         |
|----|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----|-------------------------------------|-----------------------------------------|
| 13 | <b>Lecture.</b><br>Topic: Jaundice of newborns.                                                        | Features of bilirubin metabolism of the fetus and newborn. Classification of neonatal jaundice. Risk factors. Physiological and pathological jaundice of newborns. Clinical diagnostic criteria. Basic and additional diagnostic measures. Differential diagnosis. Treatment principles.                                               | DLO<br>1,2,3 | 1   | Thematic lecture                    | Feedback                                |
|    | <b>Practical lesson.</b><br>Topic: Features of the management of sick children with neonatal jaundice. | Early clinical and laboratory diagnostics. At-risk groups. Modified Kramer's scale for assessing the severity of jaundice. Drug-free treatment. Phototherapy. Indications for phototherapy and replacement blood transfusion. Treatment efficacy indicators. Dispensary observation and terms of removal from dispensary registration. | DLO<br>1,2,3 | 3   | CBL                                 | oral survey, test tasks, checklists     |
|    | <b>SIWT.</b> Consulting on SIW implementation<br><b>SIW task</b><br>Topic: Jaundice of newborns.       | Clinical protocols: Neonatal jaundice. Diagnostics. Treatment. Prevention.                                                                                                                                                                                                                                                             | DLO<br>1,2,3 | 1/7 | Practical work in the GP department | checklists of work in the GP department |
| 14 | <b>Lecture.</b><br>Topic: Allergies in children.                                                       | Allergic dermatitis. Risk factors. Pathogenesis. Clinical manifestations. Treatment. Prevention.                                                                                                                                                                                                                                       | DLO<br>1,2,3 | 1   | Thematic lecture                    | Feedback                                |
|    | <b>Practical lesson.</b><br>Topic: Allergies in children                                               | Diagnostics, differential diagnostics. Treatment. Prevention. Dynamic observation.                                                                                                                                                                                                                                                     | DLO<br>1,2,3 | 3   | CBL                                 | oral survey, test tasks, checklists     |

|                                                                                                                          |                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA</b><br/> <b>AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL</b><br/> <b>ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»                                                                                     | 044-61/                                                                                                                                                                                                |
| Syllabus of the discipline «Basics of General Medical Practice»                                                          | Page 14 from 28                                                                                                                                                                                        |

|     |                                                                                                                                                 |                                                                                                                                                                                                                                                          |             |         |                                                 |                                         |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|-------------------------------------------------|-----------------------------------------|
|     | <b>SIWT.</b> Consultation on the implementation of SIW 14.<br><b>SIW task</b><br>Topic: Allergic dermatitis                                     | Anatomical and physiological features of infants and young children, predisposing to allergic dermatitis. Possible manifestations of allergic dermatitis. Diagnostics, differential diagnostics. Treatment. Indications for hospitalization. Prevention. | DLO 1,2,3   | 1/7     | Practical work in the GP department             | checklists of work in the GP department |
| 15  | <b>Lecture.</b><br>Topic: Management of children with obstructive syndrome                                                                      | Classification. Risk factors. Diagnostics. Peculiarities of management of sick children. Outpatient management tactics. Indications for hospitalization in a hospital, day hospital. Dynamic observation. Prevention.                                    | DLO 1,2,3,4 | 1       | Thematic lecture                                | Feedback                                |
|     | <b>Practical lesson.</b><br>Topic: Management of children with obstructive syndrome                                                             | Classification. Risk factors. Diagnostics. Peculiarities of management of sick children. Outpatient management tactics. Indications for hospitalization in a hospital, day hospital. Dynamic observation. Prevention.                                    | DLO 1,2,3,4 | 3       | CBL                                             | oral survey, test tasks, checklists     |
|     | <b>SIWT.</b> Consultation on the implementation of SIWT 15.<br><b>SIW task</b><br>Topic: Obstructive syndrome in children<br><b>Midterm № 2</b> | Classification. Risk factors. Diagnostics. Peculiarities of management of sick children. Outpatient management tactics. Indications for hospitalization in a hospital, day hospital. Dynamic observation. Prevention.                                    | DLO 2,3     | 2,5/5,5 | Practical work in the GP department<br><br>Oral | checklists of work in the GP department |
| 9.  | <b>Teaching and Teaching Methods:</b>                                                                                                           |                                                                                                                                                                                                                                                          |             |         |                                                 |                                         |
| 9.1 | Lectures                                                                                                                                        | Thematic, problematic, overview                                                                                                                                                                                                                          |             |         |                                                 |                                         |
| 9.2 | Practical lessons                                                                                                                               | «Standardized patient» method, CBL                                                                                                                                                                                                                       |             |         |                                                 |                                         |
| 9.3 | SIW/SIWT                                                                                                                                        | Practical work in the GP department. Analysis of articles (POL "Medical compliance and COPD")                                                                                                                                                            |             |         |                                                 |                                         |
| 9.4 | Mid-term control                                                                                                                                | Oral using tickets                                                                                                                                                                                                                                       |             |         |                                                 |                                         |

|                                                                                                                 |                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>ONTÜSTIK-QAZAQSTAN<br/>MEDISINA<br/>AKADEMIASY<br/>«Оңтүстік Қазақстан медицина академиясы» АҚ</p>           |  <p>SOUTH KAZAKHSTAN<br/>MEDICAL<br/>ACADEMY<br/>АО «Южно-Казахстанская медицинская академия»</p> |
| <p>Department: «General practitioner-1»<br/>Syllabus of the discipline «Basics of General Medical Practice»</p> | <p>044-61/<br/>Page 15 from 28</p>                                                                                                                                                  |

| 10.  | Evaluation criteria:                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10.1 | Criteria for assessing the learning outcomes of the discipline:                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LO   | Learning outcomes                                                                                                                                                                                                                                                                          | Unsatisfactory                                                                                                                                                                                                                                                                                                                                                                                                                     | Satisfactory                                                                                                                                                                                                                                                                                                                                                                                                             | Good                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Excellent                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LO1  | Applies clinical examination methods to the patient and uses the results of physical and laboratory-instrumental research methods to substantiate the diagnosis and draw up a treatment plan, dynamic observation and rehabilitation plan, and determines indications for hospitalization. | Does not have the skills to use diagnostic algorithms and differential diagnostics of diseases. Makes gross mistakes when collecting complaints and anamnestic data from patients, does not follow consistency when conducting objective examinations and does not know how to draw up an examination plan in accordance with Clinical Protocols. Did not study the Clinical Protocols and literature recommended in the syllabus. | Does not fully master the skills of using diagnostic algorithms and differential diagnosis of diseases. Incompletely collects complaints and anamnestic data from patients, does not comply with consistency when conducting objective examinations, and does not follow the recommendations specified in the Clinical Protocols. Did not fully study the Clinical Protocols and literature recommended in the syllabus. | Has the skills to use diagnostic algorithms and differential diagnosis of diseases. Completely collects complaints and anamnestic data of patients, but does not follow the sequence when conducting objective examinations, draws up a plan for diagnostic studies in accordance with Clinical Protocols, but skips some studies from the lists of examinations at the outpatient level. Uses literature recommended in the syllabus and Clinical Protocols. | Has the skills to use diagnostic algorithms and differential diagnostics of the most common diseases. Completely collects complaints and anamnestic data of patients, clearly and consistently conducts objective examinations, draws up a plan for diagnostic studies in accordance with Clinical Protocols, observing full list of examinations at the outpatient level. Applies knowledge obtained from scientific databases. |
| PO2  | Prescribes adequate treatment in accordance with the clinical diagnosis, implements an algorithm for choosing drug and non-drug therapy.                                                                                                                                                   | When developing a treatment plan for the most common diseases, adults makes gross mistakes, does not adhere to the requirements specified in the Clinical Protocols, taking into account all the individual characteristics of                                                                                                                                                                                                     | When developing a treatment plan for the most common diseases, makes inaccuracies, does not adhere to the requirements specified in the Clinical Protocols, taking into account all the individual characteristics of the patient,                                                                                                                                                                                       | Uses knowledge to develop a treatment plan for the most common diseases. When developing a treatment and prevention plan, he makes unprincipled mistakes that are corrected by the intern himself, does not fully adhere to the                                                                                                                                                                                                                               | Uses knowledge to develop a treatment plan for the most common diseases. When developing a treatment and prevention plan, it strictly and fully complies with all the requirements specified in the Clinical Protocols, taking                                                                                                                                                                                                   |

|                                                                                                                          |                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA</b><br/> <b>AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL</b><br/> <b>ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»<br>Syllabus of the discipline «Basics of General Medical Practice»                  | 044-61/<br>Page 16 from 28                                                                                                                                                                             |

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                    |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                       | the patient, indications and contraindications of medications drugs. Does not take into account the interactions of drugs from different groups when combined. Did not study the Clinical Protocols and literature recommended in the syllabus.                                                                       | indications and contraindications of medications drugs. Does not fully take into account the interactions of drugs from different groups when combined. Did not fully study the Clinical Protocols and literature recommended in the syllabus.                                                                                                                             | requirements, specified in the Clinical Protocols, taking into account all the individual characteristics of the patient, indications and contraindications of medications. Takes into account the interactions of drugs from different groups when combined. Uses literature recommended in the syllabus and Clinical Protocols. | into account all individual characteristics of the patient, indications and contraindications of medications. Takes into account the interactions of drugs from different groups when combined. Applies knowledge obtained from scientific databases.                                                                                              |
| PO 3 | Knows the principles of diagnosis and treatment, disease prevention, the scope of rehabilitation measures in accordance with the clinical protocols for diagnosis and treatment of the Ministry of Health of the Republic of Kazakhstan and from the standpoint of evidence-based medicine; examination of temporary and permanent disability of patients in accordance with the regulations of the Ministry of Health of the Republic of Kazakhstan. | Does not have the skills to conduct screening studies, clinical examination, rehabilitation patients with common diseases. Makes serious mistakes when determining criteria for assessing the effectiveness of screening studies and preventive measures. I did not study the literature recommended in the syllabus. | Does not have sufficient skills to conduct screening studies, clinical examination, rehabilitation of patients with common diseases. Makes mistakes when determining criteria for assessing the effectiveness of screening studies and preventive measures, and does not know how to use them in practice. Did not fully study the literature recommended in the syllabus. | Applies skills in conducting screening studies, clinical examination, rehabilitation patients with common diseases. Allows inaccuracies in knowledge criteria for assessing the effectiveness of screening studies and preventive measures, has difficulty using them in practice. Uses literature recommended in the syllabus.   | Applies skills in conducting screening studies, clinical examination, rehabilitation patients with common diseases. Accurately and fully demonstrates knowledge of evaluation criteria the effectiveness of screening studies and preventive measures and knows how to use them in practice. Applies knowledge obtained from scientific databases. |

|                                                                                                                          |                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA</b><br/> <b>AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL</b><br/> <b>ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»                                                                                     | 044-61/                                                                                                                                                                                                |
| Syllabus of the discipline «Basics of General Medical Practice»                                                          | Page 17 from 28                                                                                                                                                                                        |

|     |                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PO4 | Able to apply information technology in healthcare, knows the principles of implementing compulsory medical insurance, applies scientific principles, methods and knowledge in medical practice and research, introduces new methods into clinical practice. | Does not have the necessary knowledge on the use of a health information system when providing outpatient care within the competence of a GP and does not know how to work with the clinic's information technology system on patient issues. Didn't study the literature recommended in the syllabus | Does not fully possess the necessary knowledge of using the information system health care when providing outpatient care within the competence of GPs and makes mistakes when preparing medical documentation, including electronic ones. Experiences difficulties when working with the health information system of the clinic on patient issues. Did not fully study the literature recommended in the syllabus. | Does not fully possess all the necessary knowledge on using the information system health care when providing outpatient care within the competence of a GP, makes inaccuracies and errors, which are corrected by the student himself when working with the clinic's information system on patient issues and when preparing medical documentation, including electronic ones. Uses the literature recommended in the syllabus in an incomplete volume. | Fully knowledgeable about the use of a health information system (HIS) in the provision of outpatient care within the competence of GPs. Accurately and completely, correctly applies this knowledge in practice, when working with the health information system of the clinic on patient issues and when preparing medical documentation, including electronic ones. Uses literature recommended in the syllabus. |
| PO5 | Able to apply information technology in healthcare, knows the principles of implementing compulsory medical insurance, applies scientific principles, methods and knowledge in medical practice and research, introduces new methods into clinical practice. | Does not have the necessary knowledge on the use of a health information system when providing outpatient care within the competence of a GP and does not know how to work with the clinic's information technology system on patient issues. Didn't study the literature recommended in the syllabus | Does not fully possess the necessary knowledge of using the information system health care when providing outpatient care within the competence of GPs and makes mistakes when preparing medical documentation, including electronic ones. Experiences difficulties                                                                                                                                                  | Does not fully possess all the necessary knowledge on using the information system health care when providing outpatient care within the competence of a GP, makes inaccuracies and errors, which are corrected by the student himself when working with the clinic's information system on                                                                                                                                                              | Fully knowledgeable about the use of a health information system (HIS) in the provision of outpatient care within the competence of GPs. Accurately and completely, correctly applies this knowledge in practice, when working with the health information system of the clinic on patient issues and when preparing medical                                                                                        |

|                                                                                                       |                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>ONTÜSTIK-QAZAQSTAN<br/>MEDISINA<br/>AKADEMIASY<br/>«Оңтүстік Қазақстан медицина академиясы» АҚ</p> |  <p>SOUTH KAZAKHSTAN<br/>MEDICAL<br/>ACADEMY<br/>АО «Южно-Казахстанская медицинская академия»</p> |
| Department: «General practitioner-1»                                                                  | 044-61/                                                                                                                                                                             |
| Syllabus of the discipline «Basics of General Medical Practice»                                       | Page 18 from 28                                                                                                                                                                     |

|  |  |  |                                                                                                                                                  |                                                                                                                                                              |                                                                                        |
|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
|  |  |  | when working with the health information system of the clinic on patient issues. Did not fully study the literature recommended in the syllabus. | patient issues and when preparing medical documentation, including electronic ones. Uses the literature recommended in the syllabus in an incomplete volume. | documentation, including electronic ones. Uses literature recommended in the syllabus. |
|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|

## 10.2

### Criteria for assessing teaching methods and technologies

#### Checklist for practical lesson

|          | Form of control        | Assessment                                                                                                                              | Criteria for evaluation                                                                                                                                                                                                |
|----------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b> | <b>Oral</b>            | <b>Excellent</b><br>Corresponds to estimates:<br>A (4,0; 95 - 100%)<br>A- (3,67; 90 - 94%)                                              | Does not make mistakes or inaccuracies when answering. Is familiar with the theory, concept and direction of the discipline and critically evaluates them, can systematize the material, uses scientific achievements. |
|          |                        | <b>Good</b><br>Corresponds to estimates:<br>B+ (3,33; 85 - 89%)<br>B (3,0; 80 - 84%)<br>B- (2,67; 75 - 79%)<br>C+ (2,33; 70 - 74%)      | Does not make gross errors when answering, allows unfounded inaccuracies or minor errors, which he corrects independently, can systematize the material, uses scientific achievements.                                 |
|          |                        | <b>Satisfactorily</b><br>Corresponds to estimates:<br>C (2,0; 65 - 69%)<br>C- (1,67; 60 - 64%)<br>D+ (1,33; 55-59%)<br>D- (1,0; 50-54%) | Makes gross mistakes when answering, limits himself to the textbooks specified by the teacher, and experiences great difficulty in systematizing the material.                                                         |
|          |                        | <b>Unsatisfactory</b><br>Corresponds to estimates:<br>FX (0; 0 - 49%)<br>F(0; 0 - 24%)                                                  | Makes fundamental mistakes, is not familiar with the material, does not use literature on the topic, does not use scientific terminology, answers with gross stylistic and logical errors.                             |
| <b>2</b> | <b>Test questions:</b> | <b>Excellent</b><br>Corresponds to estimates:                                                                                           | According to Multi-point system of knowledge assessment                                                                                                                                                                |

|                                                                                                                   |                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA<br/> AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL<br/> ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»                                                                              | 044-61/                                                                                                                                                                                         |
| Syllabus of the discipline «Basics of General Medical Practice»                                                   | Page 19 from 28                                                                                                                                                                                 |

|          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |            | <p>A (4,0; 95-100%)<br/>A- (3,67; 90-94%)</p> <p><b>Good</b><br/>Corresponds to estimates:<br/>B+ (3,33; 85-89%)<br/>B (3,0; 80-84%)<br/>B- (2,67; 75-79%)<br/>C+ (2,33; 70-74%)</p> <p><b>Satisfactorily</b><br/>Corresponds to estimates:<br/>C (2,0; 65-69%);<br/>C- (1,67; 60-64%);<br/>D+ (1,33; 55-59%)<br/>D (1,0; 50-54%)</p> <p><b>Unsatisfactory</b><br/>Corresponds to estimates:<br/>FX (0,5; 25-49%)<br/>F (0; 0-24%)</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>3</b> | <b>CBL</b> | <p><b>Excellent</b><br/>Corresponds to estimates:<br/>A (4,0; 95-100%)<br/>A- (3,67; 90-94%)</p> <p><b>Good</b><br/>Corresponds to estimates:<br/>B+ (3,33; 85-89%)<br/>B (3,0; 80-84%)<br/>B- (2,67; 75-79%)<br/>C+ (2,33; 70-74%)</p> <p><b>Satisfactorily</b><br/>Corresponds to estimates:<br/>C (2,0; 65-69%);<br/>C- (1,67; 60-64%);<br/>D+ (1,33; 55-59%)<br/>D (1,0; 50-54%)</p>                                               | <p>Explanation of the case solution process is detailed, consistent, competent, with theoretical justifications; correct and fluent use of terminology; clear clinical thinking.</p> <p>The explanation of the process of solving the case is detailed, but not logical enough, with isolated errors in details, some difficulties in the theoretical justification, the answers to additional questions are correct, but not clear enough.</p> <p>The explanation of the course of solving the case is not complete enough, inconsistent, contains errors, weak theoretical justification, with significant difficulties and errors, the answers to additional questions are not clear enough, with errors in the details.</p> |

|                                                                                                                   |                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA<br/> AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL<br/> ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»                                                                              | 044-61/                                                                                                                                                                                         |
| Syllabus of the discipline «Basics of General Medical Practice»                                                   | Page 20 from 28                                                                                                                                                                                 |

|          |                                            |                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |                                            | <b>Unsatisfactory</b><br>Corresponds to estimates:<br>FX (0,5; 25-49%)<br>F (0; 0-24%)                                                  | The explanation of the course of solving the case is incomplete, inconsistent, with gross errors, without theoretical justification, with a large number of errors, the answers to additional questions are incorrect or missing.                                                                                                                                                                                                     |
|          |                                            | <b>Checklist for SIW</b>                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>4</b> | <b>Practical work in the GP department</b> | <b>Excellent</b><br>Corresponds to estimates:<br>A (4,0; 95 - 100%)<br>A- (3,67; 90 - 94%)                                              | During practical work, does not allow mistakes and inaccuracies. Is guided in the patient's problems, gives them a critical assessment, correctly draws up a plan of diagnostic and treatment-and-preventive measures, correctly draws up medical documentation, has communication skills and uses scientific achievements on the problem.                                                                                            |
|          |                                            | <b>Good</b><br>Corresponds to estimates:<br>B+ (3,33; 85 - 89%)<br>B (3,0; 80 - 84%)<br>B- (2,67; 75 - 79%)<br>C+ (2,33; 70 - 74%)      | During practical work, does not make gross errors, independently corrects the errors made. Is guided in the patient's problems, has some difficulties with their critical assessment, allows some shortcomings in drawing up a plan of diagnostic and treatment-and-prophylactic measures, correctly draws up medical documentation, does not fully possess communication skills, did not use scientific achievements on the problem. |
|          |                                            | <b>Satisfactorily</b><br>Corresponds to estimates:<br>C (2,0; 65 - 69%)<br>C- (1,67; 60 - 64%)<br>D+ (1,33; 55-59%)<br>D- (1,0; 50-54%) | During practical work, makes inaccuracies and fundamental mistakes, has difficulty analyzing patient problems, has difficulty critically assessing patient problems, makes mistakes when drawing up a plan for diagnostic and treatment-and-prophylactic measures, makes mistakes when preparing medical documents, does not fully possess communication skills, has not used scientific achievements on the problem.                 |
|          |                                            | <b>Unsatisfactory</b><br>Corresponds to estimates:<br>FX (0; 0 - 49%)<br>F(0; 0 - 24%)                                                  | During practical work, makes serious mistakes, has great difficulty in analyzing the patient's problems, has difficulty in critically assessing the patient's problems, makes fundamental mistakes in drawing up a plan for diagnostic and treatment-and-prophylactic measures, has difficulty in completing medical documents, does not fully possess communication skills, has not used scientific achievements on the problem.     |
| <b>5</b> | <b>Analysis of scientific articles</b>     | <b>Excellent</b><br>Corresponds to estimates:<br>A (4,0; 95 - 100%)<br>A- (3,67; 90 - 94%)                                              | Correct choice of article; determines scientific or clinical value of the material; consistent, competent, and fluent knowledge of the material, explains the results of the study, analyzes the results of the study.                                                                                                                                                                                                                |
|          |                                            | <b>Good</b>                                                                                                                             | Correct choice of article; determines scientific or clinical value of the material, has command of the                                                                                                                                                                                                                                                                                                                                |

|                                                                                                                   |                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA<br/> AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL<br/> ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»                                                                              | 044-61/                                                                                                                                                                                         |
| Syllabus of the discipline «Basics of General Medical Practice»                                                   | Page 21 from 28                                                                                                                                                                                 |

|  |                                                                                                                                                          |                                                                                                                                                                                                                                                                               |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>Corresponds to estimates:<br/> B+ (3,33; 85 - 89%)<br/> B (3,0; 80 - 84%)<br/> B- (2,67; 75 - 79%)<br/> C+ (2,33; 70 - 74%)</p>                       | material, provided an accurate, clear and concise explanation. Can explain research results. Allows inaccuracies and inconsistencies in review when analyzing research results.                                                                                               |
|  | <p><b>Satisfactorily</b><br/> Corresponds to estimates:<br/> C (2,0; 65 - 69%)<br/> C- (1,67; 60 - 64%)<br/> D+ (1,33; 55-59%)<br/> D- (1,0; 50-54%)</p> | Correct choice of article, scientific or clinical value, does not fully master the material, did not provide an accurate, clear and concise explanation. There are inaccuracies in explaining the results of the study. Has difficulty in analyzing the results of the study. |
|  | <p><b>Unsatisfactory</b><br/> Corresponds to estimates:<br/> FX (0; 0 - 49%)<br/> F(0; 0 - 24%)</p>                                                      | Incorrect choice of article for scientific or clinical value, lack of knowledge of the material, failure to provide a precise, clear and concise explanation. Unable to explain the results of the study.                                                                     |

#### Multi-point system of knowledge assessment

| Evaluation of the alphabetical system | Digital equivalent | Points (% content) | Assessment according to the traditional system |
|---------------------------------------|--------------------|--------------------|------------------------------------------------|
| A                                     | 4,0                | 95-100             | Excellent                                      |
| A -                                   | 3,67               | 90-94              |                                                |
| B +                                   | 3,33               | 85-89              |                                                |
| B                                     | 3,0                | 80-84              |                                                |
| B -                                   | 2,67               | 75-79              | Good                                           |
| C +                                   | 2,33               | 70-74              |                                                |
| C                                     | 2,0                | 65-69              |                                                |
| C -                                   | 1,67               | 60-64              |                                                |
| D+                                    | 1,33               | 55-59              | Satisfactory                                   |
| D-                                    | 1,0                | 50-54              |                                                |
| FX                                    | 0,5                | 25-49              |                                                |
| F                                     | 0                  | 0-24               |                                                |

|                                                                                                                          |                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA</b><br/> <b>AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL</b><br/> <b>ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»                                                                                     | 044-61/                                                                                                                                                                                                |
| Syllabus of the discipline «Basics of General Medical Practice»                                                          | Page 22 from 28                                                                                                                                                                                        |

| 11.                                                                                                                                                                                            | Learning Resources:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electronic resources, including, but not limited to: databases, animation simulators, professional blogs, websites, other electronic reference materials (for example, video, audio, digests): | <ul style="list-style-type: none"> <li>• SKMA Electronic Library - <a href="https://e-lib.skma.edu.kz/genres">https://e-lib.skma.edu.kz/genres</a></li> <li>• Republican Interuniversity Electronic Library (RIEB) – <a href="http://rmebrk.kz/">http://rmebrk.kz/</a></li> <li>• Digital Library "Aknurpress" - <a href="https://www.aknurpress.kz/">https://www.aknurpress.kz/</a></li> <li>• Electronic Library "Epigraph" - <a href="http://www.elib.kz/">http://www.elib.kz/</a></li> <li>• Epigraph - Multimedia Textbook Portal <a href="https://mbook.kz/ru/index/">https://mbook.kz/ru/index/</a></li> <li>• IPR SMART Electronic Library <a href="https://www.iprbookshop.ru/auth">https://www.iprbookshop.ru/auth</a></li> <li>• ZAN information and legal system - <a href="https://zan.kz/ru">https://zan.kz/ru</a></li> <li>• Medline Ultimate EBSCO - <a href="https://research.ebsco.com/">https://research.ebsco.com/</a></li> <li>• eBook Medical Collection EBSCO - <a href="https://research.ebsco.com/">https://research.ebsco.com/</a></li> <li>• Scopus - <a href="https://www.scopus.com/">https://www.scopus.com/</a></li> </ul>                                                                                                                                                                                                                                                        |
| Electronic textbooks:                                                                                                                                                                          | <ol style="list-style-type: none"> <li>1. С.Д. Нурсултанова, Р.Э. Бакирова, Е.Кс. Белов, Е.И. Мирзоян. Methods and Techniques of Examining Patients with Cardiovascular System Diseases. - Training Manual. – Almaty: Evero, 2020. <a href="https://www.elib.kz/ru/search/read_book/701/">https://www.elib.kz/ru/search/read_book/701/</a></li> <li>2. Клинические задачи по дисциплине «Внутренние болезни» (на английском языке) = Clinical Cases in In-ternal Diseases Specialty (in English): учебно-методическое пособие по пропедевтике внутренних болезней / Е. К. Ша-варова, М. А. Ефремовцева, Е. А. Троицкая, Е. А. Терещен-ко, С. С. Падарьян ; под ред. Ж. Д. Кобалава. – Москва : РУДН, 2018. – 89 с <a href="https://www.iprbookshop.ru/epd-reader?publicationId=91009">https://www.iprbookshop.ru/epd-reader?publicationId=91009</a></li> <li>3. Kharkevitch, D. A. Pharmacology [Электронный ресурс]: textbook for medical students / D. A. Kharkevitch. - Электрон. текстовые дан. (83.9Мб). - М.: ГЭОТАР - Медиа, 2017. - эл. опт. диск (CD-ROM).</li> <li>4. Katzung, Bertram G. Basic and Clinical Pharmacology [Text]: textbook / Katzung Bertram G. - 14 nd ed. - [S. l.]: McGraw-Hill education, 2018. - 1250 p.</li> <li>5. Essentials of Medical Pharmacology [Текст]: textbook / KD Tripathi MD. - 8 th ed. - NewDelhi: Jaypee Brothers Medical Publishers, 2019. - 1064 p.</li> </ol> |

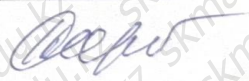
|                                                                                                                          |                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA</b><br/> <b>AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL</b><br/> <b>ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| Department: «General practitioner-1»<br>Syllabus of the discipline «Basics of General Medical Practice»                  | 044-61/<br>Page 23 from 28                                                                                                                                                                             |

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Literature: | <ol style="list-style-type: none"> <li>1. Evidence - Based Medicine how to practice and teach: Textbook / S. E. Straus and other. - 4 th ed. - Edinburgh: Elsevier, 2019. – 324 p.</li> <li>2. Goodman and Gilman's, A. The Pharmacological Basis of Therapeutics [Text]: textbook / Goodman &amp; Gilman's A.; editor L. L. Brunton. - 13 nd ed. - New York: McGraw-Hill Education, 2018.</li> <li>3. Essential pediatrics. textbook/ed. Paul K. Vinod New Delhi. CBS Publishers &amp; Distributors Pvt Ltd 2019. 798.</li> <li>4. Kumar, Vinay. Robbins and Cotran. Pathologic Basis of Disease south Asia edition/Vol. 1 Kumar Abyl K. Abbas, Jon C. Aster. ReedElsevierindiaprivatelimmed. 2015. 1391</li> <li>5. Kumar, Vinay. Robbins and Cotran. Pathologic Basis of Disease south Asia edition/Vol. 2 Kumar Abyl K. Abbas, Jon C. Aster. ReedElsevierindia private limmed. 2015. 1391</li> <li>6. Harrison's Manual of Medicine. Editors Dennis L. Kasper, Antony S. Fauci MD [and others]. 19 th ed – New Delhi, 2016. – 1210 p.</li> <li>7. Emergency Medicine. SN Chugh .4 th ed.: textbook /CBS Publishers Distributors, 2014. - 564 p.</li> <li>8. Pathophysiology of Disease: an Introduction to Clinical Medicine. 7 rded MCGraw-Hill Education. 2014.</li> <li>9. Harrison's Manual of Medicine. Editors Dennis L. Kasper, Antony S. Fauci MD [and others]. 19 th ed – New Delhi, 2016. – 1244 p.</li> <li>10. Katzung Bertram G. Basic and Clinical Pharmacology: textbook / Katzung Bertram G. - 14 nd ed. - [s. l.]: McGraw-Hill education, 2018. - 1250 c.</li> <li>11. Issayeva, L. A. Childhood diseases. Part 1.: textbook / - Almaty: "Evero", 2017. - 204 p.</li> <li>13. Issayeva, L. A. Childhood diseases. Part 2.: textbook / - Almaty: "Evero", 2017. - 188 p.</li> <li>14. Issayeva, L. A. Childhood diseases. Pfrt 3.: textbook / - Almaty: "Evero", 2017. - 188 p.</li> <li>15. Issayeva, L. A. Childhood diseases. Part 4. [: textbook / Almaty: "Evero", 2017. - 196 p.</li> <li>16. Mazurin, A. V. Propaedeutics of childhood diseases. 1 volume: textbook / - Almaty: "Evero", 2017. - 144 p</li> <li>17. Mazurin, A. V. Propaedeutics of childhood diseases. 2 volume: textbook / - Almaty: "Evero", 2017. - 172 p</li> <li>18. Mazurin, A. V. Propaedeutics of childhood diseases. 3 volume: textbook / - Almaty: "Evero", 2017. - 140 p</li> <li>19. Mazurin, A. V. Propaedeutics of childhood diseases. 4 volume: textbook / - Almaty: "Evero", 2017. - 136 p</li> <li>20. Diagnosis of internal diseases by syndromes: training manual / E. K. Bekmurzaeva. - Almaty: Эпиграф, 2022. - 128 p.</li> </ol> |
| 12.         | Discipline policy:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

|                                                                                                                   |                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> ONTÜSTIK-QAZAQSTAN<br/> <b>MEDISINA<br/> AKADEMIASY</b><br/> «Оңтүстік Қазақстан медицина академиясы» АҚ </p> |  <p> SOUTH KAZAKHSTAN<br/> <b>MEDICAL<br/> ACADEMY</b><br/> АО «Южно-Казахстанская медицинская академия» </p> |
| <p>Department: «General practitioner-1»</p>                                                                       | <p>044-61/</p>                                                                                                                                                                                  |
| <p>Syllabus of the discipline «Basics of General Medical Practice»</p>                                            | <p>Page 24 from 28</p>                                                                                                                                                                          |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|  | <p>Requirements for students (attendance, behavior, grading policy, penalties, incentives, etc.):</p> <ul style="list-style-type: none"> <li>• Come to Lectures, classes on time!</li> <li>• Come to classes in uniform (apron, cap) and with a phonendoscope and tonometer;</li> <li>• Be punctual and obligatory;</li> <li>• Attendance at practical classes and SIWT is mandatory. Actively participate in the educational process;</li> <li>• A student who misses a lesson (if not exempted from classes by order of the dean) is given a mark “abs”, missed classes for unexcused reasons are not processed, in the electronic journal in the cell next to the mark “abs”, a grade of “0” is given 2 days before the start of the exam.</li> <li>• Missed classes for a valid reason are made up upon provision of a supporting document. The student is required to provide a certificate to the dean's office no later than 5 working days from the date of receipt and submits an application to the dean to receive a work sheet indicating the deadline, which is valid for 30 days from the date of receipt at the dean's office. The grades received as a result of practicing the lesson are posted in the electronic journal in the cell next to the mark “n”. In the absence of supporting documents or if they are submitted to the dean’s office later than 5 working days after leaving school, the reason is considered disrespectful.</li> <li>• Students who miss classes by order of the dean to be excused will not be given a mark “abs”, an average grade of academic performance will be given, and a midterm test will be processed.</li> <li>• Each student must complete all forms of SIW assignments in the form of individual and collective activities and submit them on schedule.</li> <li>• All types of written work by students are checked for plagiarism.</li> </ul> |
|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

- All types of written work by students are checked for plagiarism.
- Be responsible for the sanitary condition of your workplace and personal hygiene.
- Eating in classrooms is strictly prohibited.
- Follow safety regulations in study rooms.
- Comply with the internal regulations of the academy and clinical sites where classes are held.
- Be tolerant, open and friendly towards fellow students and teachers.
- Treat the property of the department with care.
- Turn off cell phones during lessons.

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |                                                                                                                 |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------|
| 13.                                       | <b>Academic policy based on the moral and ethical values of the academy:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                                                                                                                 |
|                                           | Code of honor of the student.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |                                                                                                                 |
|                                           | <p><b>CORING POLICY:</b></p> <p>The lesson uses several forms of knowledge control. An average mark is given to the student.</p> <p>A student who has not scored a passing score (50%) in one of the types of control (current control, 1 midterm control or 2 midterm control) is not allowed to take the exam in the discipline.</p> <p>The final rating of admission to the exam in the discipline must be at least 50 points (60%), which is calculated automatically based on the average score of the current control (40%) + the average score of midterm controls (20%).</p> <p>Interim certification - carried out in two stages: the reception of practical skills by the method of OSPE (objectively structured practical examination) and testing.</p> |                     |                                                                                                                 |
| 14.                                       | <b>Approval and revision:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     | <b>Signature</b>                                                                                                |
| <b>Date of Approval</b><br>« 25 » 06 2025 | <b>Library and Information Center</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Protocol №</b> 7 | <b>Darbicheva R.I.</b><br> |

|                                                                                                         |                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ONTUSTIK-KAZAKHSTAN<br>MEDISINA<br>AKADEMIASY<br>«Оңтүстік Қазақстан медицина академиясы» АҚ            |  SOUTH-KAZAKHSTAN<br>MEDICAL<br>ACADEMY<br>АО «Южно-Казахстанская медицинская академия» |
| Department: «General practitioner-1»<br>Syllabus of the discipline «Basics of General Medical Practice» |                                                                                                                                                                            |
| 044-61/<br>Page 25 from 28                                                                              |                                                                                                                                                                            |

|                                                       |                          |                      |               |                                                                                     |
|-------------------------------------------------------|--------------------------|----------------------|---------------|-------------------------------------------------------------------------------------|
| « <u>28</u> » <u>06</u> 2025                          | Chairman of the AC of EP | Protocol № <u>11</u> | Datkaeva G.M. |  |
| Date of revision « <u>27</u> » <u>06</u> 20 <u>25</u> | Head of department       | Protocol № <u>7</u>  | Aygetkhanulyy |  |
|                                                       | Head of department       | Protocol № <u>7</u>  |               |                                                                                     |
|                                                       | Chairman of the AC of EP | Protocol № <u>7</u>  |               |                                                                                     |