


ОҢТҮСТІК-ҚАЗАҚСТАН <b>MEDISINA</b> <b>AKADEMIASY</b> «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN <b>MEDICAL</b> <b>ACADEMY</b> АО «Южно-Казахстанская медицинская академия»
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**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: 2024-2025
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	OSPE/OSKE +	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.		

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	examination of temporary and permanent disability in accordance with clinical protocols and standards of medical care					
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	Discipline learning outcomes	The learning outcomes of the EP, which are associated with discipline LO				
	DLO 1 DLO 2 DLO 3	LO 2. 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	LO 3. 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	LO 4. Conducts effective measures aimed at the diagnosis, treatment, prevention of common and early forms of diseases.				
	DLO 2	LO 9. Performs diagnostics, provides qualified and urgent medical care for urgent and life-threatening conditions				
	DLO 3 DLO 5	LO 10. Works in electronic databases of the healthcare system of the Republic of Kazakhstan, provides documentation of the processes of providing medical services				
6.	Details information of the discipline:					
6.1	Location of the department: Shymkent, Medical Center "Ai-nury" E-mail: vop1k@mail.ru 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	Number of hours	Lectures	Practical lessons	laboratory lessons	Independent work	Indep. work of a student

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							under the guidance of a teacher	
				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.			
8.		Thematic plan:						
A week/ day	Topic	Summary		Discipline learning outcomes	Number of hours	Forms / methods / learning technologies		Forms / assessment methods
1	Lecture. 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 1,2,3,4	1	Overview lecture		Feedback

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	<b>Practical lesson.</b> 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 1,2,3	3	"Standardized patient" method	oral survey, test tasks, checklists
	<b>SIWT.</b> Consultation on the implementation of SIW 1. <b>SIW task</b> <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 1,2,3	1/7	Practical work in the GP department	checklists of work in the GP department
2	<b>Lecture.</b> <b>Topic:</b> Pneumonia.	Epidemiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.	DLO 1,2,3	1	Thematic lecture	Feedback
	<b>Practical lesson.</b> <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 1,2,3,4	3	CBL	oral survey, test tasks, checklists
	<b>SIWT.</b> Consultation on the implementation of SIW 2. <b>SIW task</b> <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 1,2,3,4	1/7	Practical work in the GP department	checklists of work in the GP department

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	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> 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 12,3,5	1	Thematic lecture	Feedback
	<b>Practical lesson.</b> 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 1,2,3,4	3	"Standardized patient" method	oral survey, test tasks, checklists
	<b>SIWT.</b> Consultation on the implementation of SIW 3. <b>SIW task</b> <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 1,2,3,4	1/7	Practical work in the GP department	checklists of work in the GP department
4	<b>Lecture.</b>	Epidemiology. Classification. Diagnostics.	DLO	1	Thematic lecture	Feedback

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	<b>Topic:</b> Arterial hypertension in GMP.	Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.	1,2,3,5			
	<b>Practical lesson.</b> <b>Topic:</b> 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 1,2,3,4	3	CBL	oral survey, test tasks, checklists
	<b>SIWT.</b> Consultation on the implementation of SIW 4. <b>SIW task</b> <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 1,2,3,4	1/7	Practical work in the GP department	checklists of work in the GP department
5	<b>Lecture.</b> <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 1,2,3,5	1	Thematic lecture	Feedback
	<b>Practical lesson.</b> <b>Topic:</b> Acute rheumatic	Epidemiology. Etiology. Classification. Diagnostics. Outpatient management tactics.	DLO 1,2,3,5	3	CBL	oral survey, test tasks,


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	fever, CRHD, heart defects, rheumatoid arthritis, osteoporosis, reactive arthritis, podagra in GMP.	Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.				checklists
	<b>SIWT.</b> Consultation on the implementation of SIW 5. <b>SIW task</b> 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 1,2,3	1/7	Practical work in the GP department	checklists of work in the GP department
6	<b>Lecture.</b> 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 1,2,3	1	Thematic lecture	Feedback
	<b>Practical lesson.</b> 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 1,2,3,5	3	CBL	oral survey, test tasks, checklists
	<b>SIWT.</b> Consultation on the implementation of the	GERD, HP-associated conditions: gastritis, peptic ulcer. Epidemiology. Screening.	DLO 1,2,3	1/7	Practical work in the GP department	checklists of work in the GP department


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	<b>SIW 6.</b> <b>SIW task</b> <b>Topic:</b> Gastritis, peptic ulcer, pancreatitis, cholecystitis, hepatitis, cirrhosis of the liver in GMP.	Classification. Risk factors. Diagnostics. Features of the management of sick children, adolescents, elderly and senile people. 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> Topic: Chronic pyelonephritis in GMP.	Epidemiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.	DLO 1,2,3	1	Thematic lecture	Feedback
	<b>Practical lesson.</b> 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 1,2,3	3	CBL	oral survey, test tasks, checklists



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	<b>SIWT.</b> Consultation on the implementation of SIW 7. <b>SIW task</b> Topic: Acute and chronic pyelonephritis, acute and chronic glomerulonephritis, chronic renal failure in GMP.	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 1,2,3	2,5/5,5	Practical work in the GP department	checklists of work in the GP department
	<b>Midterm № 1</b>				Oral	Checklist
8	<b>Lecture.</b> Topic: Iron deficiency anemia in GMP.	Epidemiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.	DLO 1,2,3	1	Thematic lecture	Feedback
	<b>Practical lesson.</b> 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 1,2,3,5	3	"Standardized patient" method	oral survey, test tasks, checklists
	<b>SIWT.</b> Consultation on the implementation of SIW 8. <b>SIW task</b> Topic: Iron deficiency, B12-deficiency anemia,	Epidemiology. Etiology. Classification. Diagnostics. Outpatient management tactics. Indications for hospitalization. Dynamic observation. Issues of medical and labor expertise. Prevention.	DLO 1,2,3	1/7	Practical work in the GP department	checklists of work in the GP department

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	acute and chronic leukemia in GMP.					
9	<b>Lecture.</b> 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 1,2,3	1	Thematic lecture	Feedback
	<b>Practical lesson.</b> 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 1,2,3	3	CBL	oral survey, test tasks, checklists
	<b>SIWT.</b> Consultation on the implementation of SIW 9. <b>SIW task</b> 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 1,2,3	1/7	Practical work in the GP department	checklists of work in the GP department
10	<b>Lecture.</b> 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	DLO 3,5	1	Overview lecture	Feedback

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		and monitoring of screening programs, clinical examination. Organization of the work of the child development room in PHC. Monitoring frequently ill children				
	<b>Practical lesson.</b> 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 1,2,3	3	CBL	oral survey, test tasks, checklists
	<b>SIWT.</b> Consultation on the implementation of SIW 10. <b>SIW task</b> Topic: Principles of prophylactic medical examination of healthy children.	The system of dispensary observation and medical and recreational activities in the work of GPs. Health criterion. Comprehensive 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.	DLO 1,2,3	1/7	Practical work in the GP department	checklists of work in the GP department
11	<b>Lecture.</b> Topic: Rickets and ricktyogenic 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 1,2,3	1	Thematic lecture	Feedback

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	<b>Practical lesson.</b> 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 1,2,3	3	"Standardized patient" method	oral survey, test tasks, checklists
	<b>SIWT.</b> Consultation on the implementation of SIW 11. <b>SIW task</b> Topic: Rickets. The consequences of rickets.	Clinical protocol: Rickets. The consequences of rickets. Classification. Clinic. Diagnostics. Treatment. Prevention. Dynamic observation.	DLO 1,2,3	1/7	Practical work in the GP department	checklists of work in the GP department
12	<b>Lecture.</b> 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 1,2,3	1	Thematic lecture	Feedback

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	<b>Practical lesson.</b> 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 1,2,3,4	3	"Standardized patient" method	oral survey, test tasks, checklists
	<b>SIWT.</b> Consultation on the implementation of SIW 12. <b>SIW task</b> 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 1,2,3,4	1/7	Practical work in the GP department	checklists of work in the GP department
13	<b>Lecture.</b> 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 1,2,3	1	Thematic lecture	Feedback

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	<b>Practical lesson.</b> 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 1,2,3	3	CBL	oral survey, test tasks, checklists
	<b>SIWT.</b> Consulting on SIW implementation 13. <b>SIW task</b> Topic: Jaundice of newborns.	Clinical protocols: Neonatal jaundice. Diagnostics. Treatment. Prevention.	DLO 1,2,3	1/7	Practical work in the GP department	checklists of work in the GP department
14	<b>Lecture.</b> Topic: Allergies in children.	Allergic dermatitis. Risk factors. Pathogenesis. Clinical manifestations. Treatment. Prevention.	DLO 1,2,3	1	Thematic lecture	Feedback
	<b>Practical lesson.</b> Topic: Allergies in children	Diagnostics, differential diagnostics. Treatment. Prevention. Dynamic observation.	DLO 1,2,3	3	CBL	oral survey, test tasks, checklists
	<b>SIWT.</b> Consultation on the implementation of SIW 14. <b>SIW task</b> 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> Topic: Management of children with obstructive	Classification. Risk factors. Diagnostics. Peculiarities of management of sick children. Outpatient management tactics. Indications for	DLO 1,2,3,4	1	Thematic lecture	Feedback

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	syndrome	hospitalization in a hospital, day hospital. Dynamic observation. Prevention.					
	<b>Practical lesson.</b> 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. <b>SIW task</b> Topic: Obstructive syndrome in children	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	checklists of work in the GP department
	<b>Midterm № 2</b>					Oral	Checklist
<b>9.</b>	<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					
<b>10.</b>	<b>Evaluation criteria:</b>						
<b>10.1</b>	<b>Criteria for assessing the learning outcomes of the discipline:</b>						
<b>LO</b>	<b>Learning outcomes</b>	<b>Unsatisfactory</b>	<b>Satisfactory</b>	<b>Good</b>		<b>Excellent</b>	
LO1	Applies clinical examination methods to the patient and uses the results of physical and laboratory-instrumental research methods to	Does not have the skills to use diagnostic algorithms and differential diagnostics of diseases. Makes gross mistakes when collecting	Does not fully master the skills of using diagnostic algorithms and differential diagnosis of diseases. Incompletely collects	Has the skills to use diagnostic algorithms and differential diagnosis of diseases. Completely collects complaints and		Has the skills to use diagnostic algorithms and differential diagnostics of the most common diseases.	




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	substantiate the diagnosis and draw up a treatment plan, dynamic observation and rehabilitation plan, and determines indications for hospitalization.	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.	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.	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.	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 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	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, 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	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 requirements, specified in the Clinical Protocols, taking into account all the individual characteristics of the patient, indications and contraindications of medications. Takes into	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 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




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		and literature recommended in the syllabus.	Protocols and literature recommended in the syllabus.	account the interactions of drugs from different groups when combined. Uses literature recommended in the syllabus and Clinical Protocols.	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.
PO4	Able to apply information technology in healthcare, knows the principles of implementing compulsory medical insurance, applies scientific principles, methods and knowledge in	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	Does not fully possess the necessary knowledge of using the information system health care when providing outpatient care within the competence of	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	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

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	medical practice and research, introduces new methods into clinical practice.	clinic's information technology system on patient issues. Didn't study the literature recommended in the syllabus	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.	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.	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 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.

10.2 Criteria for assessing teaching methods and technologies			
Checklist for practical lesson			
	Form of control	Assessment	Criteria for evaluation
1	Oral survey	<b>Excellent</b> Corresponds to estimates: A (4,0; 95 - 100%) 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> Corresponds to estimates: B+ (3,33; 85 - 89%) B (3,0; 80 - 84%) B- (2,67; 75 - 79%) 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> Corresponds to estimates: C (2,0; 65 - 69%) C- (1,67; 60 - 64%) D+ (1,33; 55-59%) 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> Corresponds to estimates: FX (0; 0 - 49%) 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.
2	Test questions:	<b>Excellent</b> Corresponds to estimates: A (4,0; 95-100%) A- (3,67; 90-94%)	90-100% correct answers.
		<b>Good</b> Corresponds to estimates: B+ (3,33; 85-89%) B (3,0; 80-84%)	75-89% correct answers.

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3	CBL	B- (2,67; 75-79%) C+ (2,33; 70-74%)	
		<b>Satisfactorily</b> Corresponds to estimates: C (2,0; 65-69%); C- (1,67; 60-64%); D+ (1,33; 55-59%) D (1,0; 50-54%)	50-74% correct answers.
		<b>Unsatisfactory</b> Corresponds to estimates: FX (0,5; 25-49%) F (0; 0-24%)	Less than 50% correct answers.
		<b>Excellent</b> Corresponds to estimates: A (4,0; 95-100%) A- (3,67; 90-94%)	Explanation of the case solution process is detailed, consistent, competent, with theoretical justifications; correct and fluent use of terminology; clear clinical thinking.
		<b>Good</b> Corresponds to estimates: B+ (3,33; 85-89%) B (3,0; 80-84%) B- (2,67; 75-79%) C+ (2,33; 70-74%)	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.
		<b>Satisfactorily</b> Corresponds to estimates: C (2,0; 65-69%); C- (1,67; 60-64%); D+ (1,33; 55-59%) D (1,0; 50-54%)	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.
		<b>Unsatisfactory</b> Corresponds to estimates: FX (0,5; 25-49%) 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.

Checklist for SIW			
4	Practical work in the GP department	<b>Excellent</b> Corresponds to estimates: A (4,0; 95 - 100%) 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> Corresponds to estimates: B+ (3,33; 85 - 89%) B (3,0; 80 - 84%) B- (2,67; 75 - 79%) 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> Corresponds to estimates: C (2,0; 65 - 69%) C- (1,67; 60 - 64%) D+ (1,33; 55-59%) 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> Corresponds to estimates: FX (0; 0 - 49%) 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.
5	Analysis of scientific articles	<b>Excellent</b> Corresponds to estimates: A (4,0; 95 - 100%) 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> Corresponds to estimates: B+ (3,33; 85 - 89%) B (3,0; 80 - 84%) B- (2,67; 75 - 79%) C+ (2,33; 70 - 74%)	Correct choice of article; determines scientific or clinical value of the material, has command of the material, provided an accurate, clear and concise explanation. Can explain research results. Allows inaccuracies and inconsistencies in review when analyzing research results.

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		<b>Satisfactorily</b> Corresponds to estimates: C (2,0; 65 - 69%) C- (1,67; 60 - 64%) D+ (1,33; 55-59%) D- (1,0; 50-54%)	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.
		<b>Unsatisfactory</b> Corresponds to estimates: FX (0; 0 - 49%) F(0; 0 - 24%)	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	Good
B	3,0	80-84	
B -	2,67	75-79	
C +	2,33	70-74	
C	2,0	65-69	Satisfactory
C -	1,67	60-64	
D+	1,33	55-59	
D-	1,0	50-54	
FX	0,5	25-49	Unsatisfactory
F	0	0-24	

11.

#### Learning Resources:

Electronic resources, including, but not limited to:  
databases, animation simulators, professional

- 1.SKMA electronic library - <https://e-lib.skma.edu.kz/genres>
2. Republican Interuniversity Electronic Library (PMЭБ) – <http://rmebrk.kz/>

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blogs, websites, other electronic reference materials  
(for example, video, audio, digests):


3. Digital library «Aknurpress» - <https://www.aknurpress.kz/>
4. Electronic library «Эпиграф» - <http://www.elib.kz/>
5. Epigraph - portal of multimedia textbooks <https://mbook.kz/ru/index/>
6. ЭБС IPR SMART <https://www.iprbookshop.ru/auth> information and legal system "ZAN" - <https://zan.kz/ru>
7. Cochrane Library - <https://www.cochranelibrary.com/>
1. Cases in clinical medicine [Text] : monograph / ed.: P. Kumar, M. Clark. - 3th ed. - Philadelphia : Elsevier Saunders, 2013. - 593 p. <https://elib.kaznu.kz/book/4016>
- Case files internal Medicine [Text] : monograph / E. C. Toy, J. T. Patlan. - 4th ed. - Б.М. : McGraw-Hill Medical, 2013. <https://elib.kaznu.kz/book/4130>
2. Case files R: internal medicine [Electronic resource] : textbook / E. C. Toy, J. T. Patlan Jr.. - 4th ed. - New York : McGraw-Hill, 2013. <https://elib.kaznu.kz/book/4036>
3. Diagnosis and principles of treatment of hematological diseases: methodical guidance / Zh.E. Muzdybaev -. Almost: Every. – 2020. [https://www.elib.kz/ru/search/read\\_book/2748/](https://www.elib.kz/ru/search/read_book/2748/)
4. Case files internal Medicine [Text] : monograph / E. C. Toy, J. T. Patlan. - 4th ed. - Б.М. : McGraw-Hill Medical, 2013. - 575 p. <https://elib.kaznu.kz/book/4130>
5. 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. [https://www.elib.kz/ru/search/read\\_book/701/](https://www.elib.kz/ru/search/read_book/701/)
- 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).
6. Golan, David E. Principles of pharmacology [Electronic resource] : the pathophysiologic basis of drug / D. Golan, E. Armstrong, A. Armstrong. - 4th ed. - Philadelphia : Wolters Kluwer, 2017. - 1042 p. <https://elib.kaznu.kz/book/4052>
7. Kolesar, Jill M. Top 300 Pharmacy Drug Cards—2016/2017 [Текст] : монография / J. Kolesar, L. Vermeulen. - New York : McGraw-Hill Medical, 2016. - 675 p. <https://elib.kaznu.kz/book/4132>
8. Whalen, Karen Pharmacology [Текст] : монография / K. Whalen, R. Finkel, T. Panavelil. - 6th ed. - Philadelphia ; Baltimore ; New York : Wolters Kluwer, 2015. - 672 p <https://elib.kaznu.kz/book/4285>.
9. Katzung, Bertram G. Basic and Clinical Pharmacology [Text]: textbook / Katzung Bertram G. - 14 nd ed. - [S. l.]: McGraw-Hill education, 2018. - 1250 p.



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	<p>10. Essentials of Medical Pharmacology [Текст]: textbook / KD Tripathi MD. - 8 th ed. - NewDelhi: Jaypee Brothers Medical Publishers, 2019. - 1064 p.</p> <p>11. Essentials of Medical Pharmacology [Текст]: textbook / KD Tripathi MD. - 6th ed. - NewDelhi: Jaypee Brothers Medical Publishers, 2008. - 940 p.</p>
Electronic textbooks:	<p><b>Main:</b></p> <ol style="list-style-type: none"> <li>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. Перевод заглавия: Фармакологические основы терапии</li> <li>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>Bickley, L. S. Bates' Guide to Physical Examination and History Taking [Text]: textbook / L. S. Bickley, Szilagy P. G., R. M. Hoffman. - 12 nd ed. - Philadelphia: Wolters Kluwer, 2017. - 1034 p.</li> <li>Harrison's principles of internal medicine: textbook. Vol. 1 / ed. Dan L. Longo. - 18th ed. - New York: McGraw-Hill Medical, 2012. - 1796</li> <li>Ivashkin, V. T. Internal diseases propedeutics [Текст]: textbook / V. T. Ivashkin, A. V. Okhlobystin. -; The book is recommended by the Educational and Metodological association on Medical and Pharmaceutical Education of Russia. - M.: GEOTAR-Media, 2016. - 176 p.</li> <li>Manipal Prep Manual of Medicine. Manthappa M./2 th ed./CBS Publiishers Distributors, 2016.-708 p.</li> <li>Reilly, Margaret A. Pharmacology [Текст]: монография / M. A. Reilly. - Philadelphia: Lippincott - Raven Publishers, 1997. - 326 p.</li> <li>Essentials of Medical Pharmacology [Текст]: textbook / KD Tripathi MD. - 8 th ed. - NewDelhi: Jaypee Brothers Medical Publishers, 2019. - 1064 p.</li> <li>Whalen, Karen Pharmacology: lippincott Illustrated reviews / Karen Whalen; ed.: Garinda Feild, Rajan Radhakrishnan. - 7th ed.: Wolters Kluwer, 2019. - 593 p. - 60000.00 Tr. Перевод заглавия: Фармакология</li> <li>Essentials of Medical Pharmacology [Текст]: textbook / KD Tripathi MD. - 6th ed. - New Delhi: Jaypee Brothers Medical Publishers, 2008. - 940 p.</li> <li>Bickley L. S. Bates' Guide to Physical Examination and History Taking : Textbook / L. S. Bickley , Szilagy P. G., R. M. Hoffman. - 12 nd ed. - Philadelphia: Wolters Kluwer , 2017. - 1034 p. Перевод заглавия: Руководство Бейтса по физическому осмотру и истории</li> <li>Evidence - Based Medicine how to practice and teach: Textbook / S. E. Straus and other. - 4 th ed. -</li> </ol>



	ОҢТҮСТІК-ҚАЗАҚСТАН <b>MEDISINA AKADEMIASY</b> «Оңтүстік Қазақстан медицина академиясы» АҚ	 SOUTH KAZAKHSTAN <b>MEDICAL ACADEMY</b> АО «Южно-Казахстанская медицинская академия»	
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3. Goodman and Gilman's A. The Pharmacological Basis of Therapeutics : textbook / Goodman & Gilman's A. ; editor L. L. Brunton . - 13 nd ed. - New York: McGraw-Hill Education, 2018. - 1419 с  
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4. Katzung Bertram G. Basic and Clinical Pharmacology: textbook / Katzung Bertram G. - 14 nd ed. - [s. l.]: McGraw-Hill education, 2018. - 1250 с. - (a LANGE medical book)  
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5. Essential pediatrics. textbook/ed. Paul K. Vinod New Delhi. CBS Publishers & Distributors Pvt Ltd 2019. 798.

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12. Issayeva, L. A. Childhood diseases. Part 1.: textbook / . - Almaty: "Evero", 2017. - 204 p.

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- Vasilenko, V. K. Propaedeutics of internal diseases. 2-volume [Текст]: textbook / V. K. Vasilenko, V. V. Vasilenko. - Almaty: "Evero", 2017. - 364 p.
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- Mazurin, A. V. Propaedeutics of childhood diseases. 1 volume [Текст: textbook / A. V. Mazurin. - Almaty: "Evero", 2017. - 144 p
- Mazurin, A. V. Propaedeutics of childhood diseases. 2 volume [Текст]: textbook / A. V. Mazurin. - Almaty: "Evero", 2017. - 144 p
- Mazurin, A. V. Propaedeutics of childhood diseases. 3volume [Текст]: textbook / A. V. Mazurin. - Almaty: "Evero", 2017. - 144 p
- Mazurin, A. V. Propaedeutics of childhood diseases. 4 volume [Текст]: textbook / A. V. Mazurin. - Almaty: "Evero", 2017. - 144 p
- Issayeva, L. A. Childhood diseases. Part 1.: textbook /. - Almaty: "Evero", 2017. - 204 p.
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- Ivashkin, V. T. Internal diseases propedeutics [Текст]: textbook / V. T. Ivashkin, A. V. Okhlobystin. -; The book is recommended by the Educational and Metodological association on Medical and

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Pharmaceutical Education of Russia. - M.: GEOTAR-Media, 2016. - 176 p.

Diagnosis of internal diseases by syndromes: training manual / E. K. Bekmurzaeva. - Almaty: Эпиграф, 2022. - 128 p. Перевод заглавия: Диагностика внутренних заболеваний по синдромам

Joshi N. C. Clinical pediatrics. 2th ed. Elsevier 2012


Essential pediatrics. textbook/ed. Paul K. Vinod New Delhi. CBS Publishers & Distributors Pvt Ltd 2019. 798.

12.

### Discipline policy:

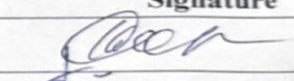

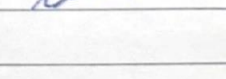
Requirements for students (attendance, behavior, grading policy, penalties, incentives, etc.):


- Come to classes in uniform (apron, cap) and with a phonendoscope and tonometer;
- Be punctual and obligatory;
- Attendance at practical classes and SIWT is mandatory. Actively participate in the educational process;
- 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.
- 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.
- 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.
- Each student must complete all forms of SIW assignments in the form of individual and collective activities and submit them on schedule.
- 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.

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- 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.	Academic policy based on the moral and ethical values of the academy:		
	Code of honor of the student.		
	<b>CORING POLICY:</b> The lesson uses several forms of knowledge control. An average mark is given to the magazine. 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. 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%). Interim certification - carried out in two stages: the reception of practical skills by the method of OSPE (objectively structured practical examination) and testing.		
14.	Approval and revision:		Signature
« 14 » 06 2024	Protocol № 9	Head of the Library and Information Center Darbicheva R.I.	
« 12 » 06 2024	Protocol № 11	Head of department Datkaeva G.M.	
« 14 » 06 2024	Protocol № 11	Chairman of the CEP Kalmenov N.D.	
Date of revision « » 20	Protocol №	Head of the Library and Information Center Darbicheva R.I.	
Date of revision « » 20	Protocol №	Head of department Datkaeva G.M.	
Date of revision « » 20	Protocol №	Chairman of the CEP	

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