### Educational program 6B10101 "General Medicine", 5-course

1.	General information about the discipline						
1.1	Discipline code: VD 5202	1.6	Academic year: 2024-2025				
1.2	Discipline name "Visual diagnostic"	1.7	Course: 5				
1.3	Prerequisites: fundamentals of	1.8	Semester:9				
	radiation diagnostics						
1.4	Post requisites: general practitioner	1.9	Amount of credits(ECTS): 4				
1.5	Cycle; VD	1.10					
			Component: VK				
_							

### 2. | Course discpeption( 150 words)

X ray of organs and systems. Clinical and radiological syndromes, diagnostic algorithms for diseases and injuries of internal organs, features in children and adolescents. Possibilities of X-ray, ultrasound, CT, MRI in diagnostics of benign and malignant tumors of organs and systems. Preclinical radiation diagnostics. Main radiological symptoms and syndromes, differential diagnostics, image interpretation, occupational safety. Documentation of medical services processes.

3.	Summative assessment form		
3.1	Testing *	3.5	Coursework
3.2	Writing	3.6	Essay
3.3	Oral	3.7	Project
3.4	SPE / OSKE or practical skills reception	3.8	Another(specify)
4	D: : 1: :		

### 4. Discipline aims

LO<sub>3</sub>

To develop graduates' knowledge and skills in conducting effective events on radiological diagnostics of diseases and damage to organs and systems, observing measures to protect patients and health workers; to apply practical and communication skills to evaluate research results in accordance with the principles of the evidence base, ensuring further successful application in clinical practice.

the ev	the evidence base, ensuring further successful application in clinical practice.					
5.	Final learning outcomes (LO disciplines)					
LO	LO 4 Conducts effective activities aimed at diagnostics, treatment, prevention of common and early					
1. 2	forms of diseases					
LO	O LO 7 Applies scientific principles, methods and knowledge in medical practice and research.					
3.	Capable of continuous self-edu	cation and development. Introduces new methods into clinical				
	practice.					
LO	LO 8 Complies with the standard	s for the implementation of public health protection, sanitary and				
4.	hygienic regime of the healthcare	e organization and epidemiological safety of the environment, labor				
	safety standards in the healthcare	organization				
LO	LO 10 Works in the electronic da	tabases of the healthcare system of the Republic of Kazakhstan,				
5	ensures documentation of the pro-	cesses of providing medical services.				
5.1	LO discipline	The learning outcomes of the EP related to the discipline RO				
	LO 1	LO 1 Provides patient-centered care in the field of biomedical,				
1	LO 2 clinical, epidemiological and social-behavioral sciences for the					

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	LO 4		most	aamman d	:					
			1	ost common diseases.						
	LO 5		LO 4 Conducts effective activities aimed at diagnostics,							
				treatment, prevention of common and early forms of diseases.						
		LO 3 Complies with the rules of ethics, deontology and								
			subordination, demonstrates interpersonal and communication							
				leading to			•			
				Ū			_			
			_	ration with	_					
			LO 10	) Works in	electror	nic data	abases	of the	e health	care system of
			the Re	epublic of	Kazakhs	tan, er	isures (	docur	nentatio	on of the
			proce	sses of ren	dering n	nedical	servic	es.		
6.	Details of the discipline									
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6.2	Number of hours	Lectu	re	Pract.less	ons	Lab.le	escon	SIW	7	SIW (with
0.2	rumber of hours	Lectu	10	11400.1050	,0115.	S.	OBBOII	DI VV		teacher)
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7.	Information about teach			30				12		00
No	Full name	Degre	e and	email	Scie	ntific i	nterest	c	Δ	chevements
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1.		assist		visual_					Radiologist	
1.		depart		diagnos					radiologist	
	Amangeldieva Zhibek	depart	incit	tics@m						
	Nurtasovna			al.ru						
				ai.iu						
2.	Abduvachabova Gulnar	assista	ınt			ultrasonologys			onologyst	
		depart								
3	Khamidulla Sakhar	assista		sseet32	Abdom	bdominal ultrasound higher category			<b>.</b>	
		depart	ment	1@gma					ultrasc	onologyst
				il.com						
8.	Thematic plan									
A	Topic name	Summar	•v		RO	Nu	Forn	ıs/Me	ethod	Forms/
wee	Topic nume		· <i>3</i>		discip	mb	s/	10/11/1		assessment
k/					lines	er	learn	inσ		methods
day					IIICS	of	techr	_	ies	memous
day						ho	teem	iolog	ics	
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						uis				
1	Lecture. Radiation	Radiation	n diaon	ostics of	LO 1	1	Over	view	_	Feedback
1	diagnostics of		Radiation diagnostics of liseases and injuries of		201	1	illust			1 Journal of the second of the
	diseases and injuries	the lungs		01100 UI			prese			
	of the lungs and	mediastii		adiation			prese	man	/11	
	mediastinum.	research								
	Radiation research	researell	111001100	10						
	methods									
	methous									
	Practical lesson.	Radiation	n diaan	ocic of	LO 1	3	dison	ccion	, work	oral
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	Radiation diagnostics of diseases and injuries of the lungs and mediastinum. Radiation research methods. Native X-ray methods. Radiography. Fluorography. Fluoroscopy. General shadow picture of the chest. Special radiopaque techniques. Bronchography. Angiopulmography. Angiopulmography. Pneumomediastinography. Pleurography. Fistulography	diseases of the lungs and mediastinum. Radiation research methods. Native X-ray methods. Radiography. Fluorography. Fluoroscopy. General shadow picture of the chest. Special radiopaque techniques. Bronchography. Angiopulmography. Pneumomediastinograph y. Pleurography. Fistulography			with the provided images, work in small groups	questioning, description of pictures, solving test tasks, solving crosswords
	SIW. X-ray manifestations of chronic pneumonia.	X-ray manifestations of chronic pneumonia.	LO 4	1/7	preparation of presentations, drawing up crosswords, test tasks, situational tasks, work with an electronic X-ray - radiological atlas.	protection of presentations, solving crosswords, test tasks, situational tasks, work with an electronic X-ray - radiological atlas
2	Lecture. The main radiological symptoms and syndromes of lung diseases	The main radiological symptoms and syndromes of lung diseases.	LO 1	1	Overview - illustrative, presentation	Feedback
	Practical lesson. The main radiological symptoms and syndromes of lung	The main radiological symptoms and syndromes of lung diseases. Syndrome of	LO 1	3	discussion, work with the provided pictures, work in	oral questioning, description of pictures,

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	diseases. Syndrome of extensive shading of the pulmonary field. Limited shading. Round shadow syndrome. Foci and limited focal dissemination. Syndrome of extensive focal dissemination. Extensive pulmonary field enlightenment syndrome M.	extensive shading of the pulmonary field. Limited shading. Round shadow syndrome. Foci and limited focal dissemination. Syndrome of extensive focal dissemination. Syndrome of extensive enlightenment of the pulmonary field.		1 /7	pairs	solving test tasks, solving crosswords
	SIW (with teacher). SIW. Some diagnostic aspects in X-ray detection of abscess and abscess pneumonia.	Some diagnostic aspects in the X-ray detection of abscess and abscess pneumonia.		1/7	preparation of presentations, drawing up crosswords, test tasks, situational tasks, work with an electronic X-ray - radiological atla	protection of presentations, solving crosswords, test tasks, situational tasks, work with an electronic X-ray-radiological atlas
3	Lecture. Visual diagnostics of diseases and injuries of the lungs. Research methodology. X-ray semiotics of lung diseases. Visual diagnostics of tuberculosis and lung tumors.	Visual diagnostics of diseases and injuries of the lungs. Research methodology. X-ray semiotics of lung diseases. Visual diagnostics of tuberculosis and lung tumors.	LO 1	1	Overview - illustrative, presentation Feedback	Feedback

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	Practical lesson. Radiation diagnosis of coronavirus disease. Organization. Research methods, interpretation of results. Radiation manifestations of a new coronavirus infection. The use of CT of the lungs for COVID-19.	Practical lesson. Radiation diagnosis of coronavirus disease. Organization. Research methods, interpretation of results. Radiation manifestations of a new coronavirus infection. The use of CT of the lungs for COVID-19.	LO1	3	discussion, work with the provided images, work in small groups.	oral questioning, description of pictures, solving test tasks, solving crosswords
	SIW (with teacher). SIW. Information content of radiation methods in the diagnosis of tumors and cysts of the mediastinum.	Informativeness of radiation methods in the diagnosis of tumors and cysts of the mediastinum.	LO1	1/7	preparation of presentations, drawing up crosswords, test tasks, situational tasks, work with an electronic X-ray - radiological atlas.	protection of presentations, solving crosswords, test tasks, situational tasks, work with an electronic X-ray-radiological atlas.
4	Lecture. Syndromes of urgent conditions of the chest organs with X-ray, CT, MRI, ultrasound diagnostic methods. The choice of an adequate research method for various injuries. Symptoms of damage with X-ray, CT, MRI, UD diagnostic methods.	Syndromes of urgent conditions of the chest organs with X-ray, CT, MRI, ultrasound diagnostic methods. The choice of an adequate research method for various injuries.  Symptoms of damage with X-ray, CT, MRI, UD diagnostic methods.	LO 2	1	Overview - illustrative, presentation	Feedback
	Practical lesson Restricted enlightenment syndrome. Pulmonary pattern change syndrome. Syndrome of changes in the roots of the lungs. Limited enlightenment	Limited enlightenment syndrome. Syndrome of changes in the pulmonary pattern. Syndrome of changes in the roots of the lungs.	LO 2	3	discussion, work with the provided pictures, work in pairs	oral questioning, description of pictures, solving test tasks, solving crossword

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	syndrome. Syndrome of changes in the pulmonary pattern. Syndrome of changes in the roots of the lungs.					
	SIW (with teacher). SIW. Radiation diagnostic methods for pathology of the chest cavity organs	Radiation diagnostic methods for pathology of the chest cavity organs.		1/7	preparation of presentations, drawing up crosswords, test tasks, situational tasks, work with an electronic X-ray - radiological atlas	protection of presentations, solving crosswords, test tasks, situational tasks, work with an electronic X-ray-radiological atlas.
5	Lecture. Basic principles of ultrasound examination of the heart and Dopplerography of blood vessels, angiography, coronary angiography. CT and MRI of the heart.	The main radiation syndromes of cancer of the lungs and pleura.	LO 3 LO 4	1	Overview - illustrative, presentation	Feedback
	Practical lesson. Radiation diagnostics in therapeutic cardiology. X-ray and X-ray functional diagnostic methods for studying the heart and blood vessels.	Radiation diagnostics in therapeutic cardiology. X-ray and X-ray functional diagnostic methods for studying the heart and blood vessels.	LO 2 LO 3	3	discussion, work with the provided images, work in small groups.	oral questioning, description of pictures, solving test tasks, solving crosswords
	SIW. Some diagnostic aspects in radiological detection of symptoms of damage to the heart	Some diagnostic aspects in the X-ray detection of symptoms of heart and pericardial damage.	LO 2 LO 3	1/7	preparation of presentations, drawing up crosswords, test tasks, situational tasks, work with	protection of presentations, solving crosswords, test tasks, situational

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6	and pericardium. Mid-term control  Lecture. Basic radiological syndromes of the cardiovascular system. Basic principles of ultrasound examination of the heart and Dopplerography of blood vessels, angiography, coronary angiography. CT and MRI of the heart	Basic principles of ultrasound examination of the heart and vascular Doppler ultrasonography, angiography, coronary angiography. CT and MRI of the heart.	LO 2 LO 3	1	electronic X-ray - radiological atlas .  Overview - illustrative, presentation	tasks, work with electronic X- ray - radiological atlas Feedback
	Practical lesson. Radiation diagnostics of congenital and acquired heart defects.	Radiation diagnostics in therapeutic cardiology. X-ray and X-ray functional diagnostic methods for examining the heart and blood vessels. The main radiological syndromes of the cardiovascular system. Basic principles of ultrasound examination of the heart and vascular Doppler ultrasonography, angiography, coronary angiography. CT and MRI of the heart. Radiation diagnostics of congenital and acquired heart defects.	LO 3	3	discussion, work with the provided images, work in small groups	oral questioning, description of pictures, solving test tasks, solving crosswords
	SIW (with teacher). SIW. SIW. Visual methods for	Radiation anatomy of the esophagus and gastrointestinal tract	LO 2 LO 3	1/7	preparation of presentations, drawing up	. protection of presentations, solving

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	studying congenital and acquired heart defects.	with X-ray, CT, MRI, research, research methods.			crosswords, test tasks, situational tasks, work with an electronic X- ray - radiological atlas	crosswords, test tasks, situational tasks, work with electronic X- ray - radiological atlas
7	Lecture. Radiation diagnostics for diseases of the gastrointestinal tract. X-ray semiotics. The role of ultrasound, CT in the diagnosis of pathology of the liver, pancreas, gallbladder and bile ducts.	. Imaging methods (MRI, CT, ultrasound, scintigraphy, arthroscopy, etc.) of the pathology of the bone and joint system, indications and rules, diagnostic value	LO 2 LO 3	1	Overview - illustrative, presentation	Feedback
	Practical lesson. Radiation methods for diagnosing the digestive organs. Radiation diagnostics for diseases of the gastrointestinal tract. X-ray semiotics. Basic radiological syndromes of the digestive system. The role of ultrasound, CT in the diagnosis of pathology of the liver, pancreas, gallbladder and bile ducts. Differential diagnosis of pathology of the digestive organs.	Visual diagnostics of bone and joint pathology. Methods of visual diagnostics in rheumatology. X-ray examination of the joints and spine, indications and rules for this study, X-ray (often with the use of artificial contrast) P-signs of arthritis and arthrosis, osteomyelitis, P stage of arthritis. Imaging methods (MRI, CT, ultrasound, scintigraphy, arthroscopy, etc.) of the pathology of the bone and joint system, indications and rules, diagnostic value.	LO 2	3	discussion, work with the provided images, work in small groups.	oral questioning, description of pictures, solving test tasks, solving crosswords
	SIW (with teacher). SIW. Radiation anatomy of the esophagus and gastrointestinal tract with X-ray, CT, MRI,	Normal radial anatomy of the liver, research methods. Syndromes of lesion in X-ray, CT, MRI, research.	LO 2 LO 3	1/7	preparation of presentations, drawing up crosswords, test tasks, situational tasks, work with	protection of presentations, solving crosswords, test tasks, situational

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8	Lecture. Imaging methods (MRI, CT, ultrasound, scintigraphy, arthroscopy, etc.) of pathology of the osteoarticular system, indications and rules, diagnostic value.	Radiation diagnostics for diseases of the gastrointestinal tract. X-ray semiotics. The role of ultrasound, CT in the diagnosis of pathology of the liver, pancreas, gallbladder and bile ducts.	LO 2	1	an electronic X-ray - radiological atlas.  Overview - illustrative, presentation	tasks, work with an electronic X- ray - radiological atlas. Feddback
	Practical lesson. Visual diagnosis of osteoarticular pathology. Methods of visual diagnosis in rheumatology. X-ray examination of joints and spine, indications and rules for conducting this study, X-ray (often using artificial contrast). P-signs of arthritis and arthrosis, osteomyelitis, P stage of arthritis. Imaging methods (MRI, CT, ultrasound, scintigraphy, arthroscopy, etc.) of pathology of the osteoarticular system, indications and rules, diagnostic value.	Radiation methods for diagnostics of the digestive system. Radiation diagnostics for diseases of the gastrointestinal tract. X-ray semiotics. The main radiological syndromes of the digestive system. The role of ultrasound, CT in the diagnosis of pathology of the liver, pancreas, gallbladder and bile ducts. Differential diagnosis of the digestive organs.	LO 3	3	discussion, work with the provided images, work in small groups.	oral questioning, description of pictures, solving test tasks, solving crosswords
	SIW(with teacher). SIW  Basics of the radionuclide method and their application in practice	Radiation diagnosis of damage to the esophagus and gastrointestinal tract.	LO 2 LO 3	1/7	preparation of presentations, drawing up crosswords, test tasks, situational tasks, work with electronic X-ray	protection of presentations, solving crosswords, test tasks, situational tasks, work

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9	Lecture. Visual diagnosis of endocrine system diseases: CT, MRI, radionuclide studies.	The role of plain radiography, intravenous excretory urography, pyelography, angiography, ultrasound, CT, MRI, radionuclide renography.	LO 2	1	- radiological atlas  Overview - illustrative, presentation	with electronic X- ray - radiological atlas Feedback
	Practical lesson. Visual diagnosis of endocrine system diseases. Radiation methods for studying the thyroid and parathyroid glands	Radiation diagnostic methods in nephrology and urology - the role of plain radiography, intravenous excretory urography, pyelography, angiography, ultrasound, CT, MRI, radionuclide renography. X-ray diagnostics of diseases of the urinary system. Ultrasound diagnostics of pathologies of the urinary system. Methods of radioisotope and radionuclide research in nephrology.	LO 3	3	discussion, work with the provided images, work in small groups	oral questioning, discussion of research results, solving situational problems
	SIW (with teacher). SIW.  Visual diagnosis of the adrenal glands: computed tomography, MRI, scintigraphy of the adrenal cortex, scintigraphy of the medulla, adrenal glands, positron tomography. Methods of visualization of the hypothalamic-pituitary system: radiodiagnosis, scintigraphy with octreotide.	Visual diagnosis of the adrenal glands: computed tomography, MRI, scintigraphy of the adrenal cortex, scintigraphy of the medulla, adrenal glands, positron tomography. Methods of visualization of the hypothalamic-pituitary system: radiodiagnosis, scintigraphy with octreotide.	LO 2 LO 3	2/6	preparation of presentations, drawing up crosswords, test tasks, situational tasks, work with electronic X-ray - radiological atlas	protection of presentations, solving crosswords, test tasks, situational tasks, work with electronic X-ray - radiological atla.

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10	Lecture. Radiation diagnostics of diseases of the urinary and reproductive system	Radiation diagnostics of diseases of the urinary and reproductive system	LO 3 LO 4	1	Overview - illustrative, presentation	Feedback
	Practical lesson. Radiation diagnostic methods in nephrology and urology - the role of survey radiography, intravenous excretory urography, pyelography, angiography, ultrasound, CT, MRI, radionuclide renography. X-ray diagnosis of diseases of the urinary system. Ultrasound diagnosis of pathologies of the urinary system. Methods of radioisotope and radionuclide research in nephrology.	Radiation diagnostic methods in nephrology and urology - the role of survey radiography, intravenous excretory urography, pyelography, angiography, ultrasound, CT, MRI, radionuclide renography. X-ray diagnosis of diseases of the urinary system. Ultrasound diagnosis of pathologies of the urinary system. Methods of radioisotope and radionuclide research in nephrology	LO 2	3	discussion, work with the provided images, work in small groups.	oral questioning, description of pictures, solving test tasks, solving crosswords
	SIW (with teacher). SIW. Radiation diagnostics in urology and gynecology  Border control	Radiation diagnostics in urology and gynecology		2/6	preparation of presentations, drawing up crosswords, test tasks, situational tasks, work with an electronic X-ray - radiological atlas	. protection of presentations, solving crosswords, test tasks, situational tasks, work with electronic X-ray-radiological atlas
9.	Teaching and Teachi	C				
9.1		Overview – illustrative				
9.2		Discussion, work with the provided images, work in small groups. Oral questioning, discussion of research results, solving situational problems				
9.3		Shares opinions, discuss and evaluate				

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9.4	Mid-term control	Testing, situational problem solving and oral questioning				
10.	Evaluation criteria					
_		The digital equivalent of points	Percentage	Assessment according to the traditional system		
	A	4,0	95-100	GOOD		
	A -	3,67	90-94			
	B +	3,33	85-89	FINE		
	В	3,0	80-84			
	B -	2,67	75-79			
	C +	2,33	70-74			
	С	2,0	65-69			
	C -	1,67	60-64	Satisfactorily		
	D+	1,33	55-59			
	D-	1,0	50-54			
	FX	0,5	25-49	Unsatisfactory		
	F	0	0-24			
inclu to: da simu blogs electr mate video	ronic resources, ding, but not limited atabases, animation lators, professional s, websites, other ronic reference rials (for example: o, audio, digests)  ronic textbooks	<ul> <li>lib.ukma.kz</li> <li>Электронная библиотека ЮКМА - <a href="https://e-lib.skma.edu.kz/genres">https://e-lib.skma.edu.kz/genres</a></li> <li>Республиканская межвузовская электронная библиотека (РМЭБ) - <a href="http://rmebrk.kz/">http://rmebrk.kz/</a></li> <li>Цифровая библиотека «Aknurpress» - <a href="https://www.aknurpress.kz/">https://www.aknurpress.kz/</a></li> <li>Электронная библиотека «Эпиграф» - <a href="https://www.elib.kz/">https://www.aknurpress.kz/</a></li> <li>Электронная библиотека «Эпиграф» - <a href="https://www.elib.kz/">https://www.elib.kz/</a></li> <li>Эпиграф - портал мультимедийных учебников <a href="https://mbook.kz/ru/index/">https://mbook.kz/ru/index/</a></li> <li>ЭБС IPR SMART <a href="https://www.iprbookshop.ru/auth">https://mbook.kz/ru/index/</a></li> <li>информационно-правовая система «Заң» - <a href="https://zan.kz/ru">https://zan.kz/ru</a></li> <li>Cochrane Library - <a href="https://www.youtube.com/channel/UC2K">https://www.cochranelibrary.com/https://www.youtube.com/channel/UC2K</a></li> <li>Q2vGectAWstvVXKUL2Og</li> <li>Diagnostic Radiology Physics D.R. Dance, S. Christofides/</li> <li>Xray Film Reading Made Easy William F Hook</li> </ul>				
		Effective Physics Kanadiological Anator The Role of Diagnor Health (Article)Cari Early History of X Introduction to Med Introduction to Interview	my Amr Attia Hewety stic and Therapeutic I Borras Rays Alexi Assmus ical Imaging (Present ventional Radiology ntional Radiology in tentation)	stic Radiologists (Article) y, Abd Elhai said Abd Elhi Radiology in the Field of Public		

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magazines)		adical radials av. Lindauhustan I.D. Varahuk I.D. vasar of ralessa				
Literature		edical radiology - Lindenbraten L.D, Koroluk I.P year of release				
		diation therapy – Trufanov G.E, year of release 2010.				
	Getting S	tarted in Clinical Radiology – George W. Eastman. Christoph Wald.				
	Jane Cro	ssin				
	addition	al: sites – 24radiology.ru, Learning Radiology, Geeky Medics				
	Radiolog	y Tutorials, Radiology Cafe.				
	Radiopae					
12. Discipline policy						
Requirements you make		Penalty and incentive measures				
to students		Tenarty and meentive measures				
It is not allowed to skip cla	2922	If a practical lesson is missed without a good reason, an NB is				
without a valid reason.	5505	given, if a lecture is missed without a good reason, the assessment				
Without a valid reason.						
		of the midterm control is reduced - 1 point for each missed lecture.				
Timely work off missed cla	isses for	Working off a missed lesson for a good reason is carried out only				
a good reason.		with the permission of the dean's office (work sheet).				
		If the student is late for more than 5 minutes, he will not be				
Attendance at classes and le	ectures	admitted to the lesson. Nb is exhibited in the educational journal				
on time.		and lecture journal.				
The student must have an		If the form is incommonwiste, the student is not allowed to the lesson				
appropriate outfit (robe, cap	2	If the form is inappropriate, the student is not allowed to the lesson or lecture, in the educational journal or lecture journal is exhibited				
changeable shoes, etc.)	θ,	by the NB				
changeable shoes, etc.)		by the NB				
The student has a medical s	sanitary	Without a health book, a student is not allowed into the clinic's				
book	, and the same of	departments, the nb is displayed in the educational journal				
		departments, and no is displayed in the educational journal				
Srop		If you miss the SRO without a valid reason, the mark for the SRO				
Siop		decreases - 2 points for each missed lesson				
Timely fulfillment of tasks for SRO.		The assessment of the SRO is set in the SRO classes according to				
		the schedule in the educational journal of progress and the				
		electronic journal, taking into account the penalty points, are				
		subtracted from the assessments of the SRO.				
The student must treat teachers and		. In case of disrespectful student behavior, the student's behavior is				
fellow students with respec	t	discussed at the cathedral meeting, this is reported to the dean's				
office and parents						
Careful attitude of students	to the	When the property of the department is destroyed, the student				
property of the department		restores the property on his own.				
Mid-term control		The midterm control of students' knowledge is carried out at least				
		twice during one academic period on 8/15 weeks of theoretical				

	training with putting down the results of midterm controls in the academic journal of progress and electronic journal, taking into account penalty points for missing lectures (missed lectures in the form of penalty points are deducted from the assessments midterm control). a student who does not show up for midterm control without a valid reason is not allowed to take the discipline exam. A student who does not appear for midterm control for a good reason, immediately after starting classes, submits an application to the dean, provides supporting documents (due to illness, family circumstances or other objective reasons), receives a work sheet, which is valid for the term specified in clause 12.4. The results of midterm control are provided to the dean's office in the form of a report by the end of the control week.
Assessment of the final control	A student who does not score a passing score (50%) in one of the types of control (current control, midterm control No. 1 and / or No. 2) is not allowed to take the exam in the discipline.
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### **13.** Academic policy based on the moral and ethical values of the academy

Academic policy. Clause 4 Code of honor of the student

The student of the Academy is a patriot of the Republic of Kazakhstan, highly respects the flag, coat of arms, anthem, the state language - the main attributes of sovereign Kazakhstan. The student treats with care and preserves the glorious traditions, moral values of the previous generation of the Academy.

The student is disciplined, polite, sociable, observes generally accepted moral and ethical norms of behavior in public places and in everyday life, is self-critical and demanding of himself and his actions.

The student condemns and actively promotes rejection and opposition to any manifestations of corruption, corrupt worldview and behavior in the Academy among students and teachers

Discipline Grading Policy

Current control: testing, assessment of solving situational problems, discussion assessment sheet, assessment sheet of work in small groups, round table assessment sheet, diagnostic algorithm and treatment regimens

Midterm control: Testing. Controlling the assimilation of practical skills.

Mid-term control of students' knowledge is carried out at least twice during one academic period on 7/12 days of theoretical training with the completion of midterm examinations in the educational progress journal and electronic journal, taking into account penalty points for missing lectures (lectures are skipped in the form of penalty points from the assessments of the intermediate control).

- the penalty point for missing one lecture without a valid reason is 1.0 point;
- a student who does not show up for midterm control without a valid reason is not allowed to take the discipline exam. A student who does not appear for midterm control for a good reason, immediately after starting classes, submits an application to the dean, provides supporting documents (due to illness, family circumstances or other objective reasons), receives a work sheet, which is valid for the term specified in clause 12.4. The results of midterm control are provided to the dean's office in the form of a report by the end of the control week.
- The assessment of the SRO is set in the classroom of the SRO according to the schedule in the educational journal of progress and the electronic journal, taking into account the penalty points, are subtracted from the assessments of the SRO).

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- if you miss one lesson of the SSSP a penalty point of 2.0;
- A student who does not score a passing score (50%) in one of the types of control (current control, midterm control No. 1 and / or No. 2) is not allowed to take the exam in the discipline.
- The examination score is set based on the results of the current and midterm controls the assessment of the admission rating (ORD) (60%) and the final control the marks on the exam (40%).
- ORD (assessment of the rating of admission) is determined as the average value of points for practical training, SRO, and midterm control.
- A student who scored a minimum score of the ORD equal to 1 (15%) and above is allowed to take the exam.

Final control: exam including OSKE and testing.

14. Approval, approval ar	nd revision		
Date of agreement with the Library and Information Center	Protocol No. <u>9</u> 14.06.24	Head of BIC Darbicheva R.I.	all
Date of approval by the department	Protocol No. <u>14</u> 13. 06. 2024	Head of the department Kasaeva L.T	eluTor
Date of approval for AK OP	Protocol No. <u>11</u> 14, 06.24	Chairman of the CPC Kalmenov N.Zh.	Chur