Department "Propaedeutics of Internal Medicine" Working curriculum for the discipline "Propaedeutics of Internal Medicine" (syllabus) Educational programme 6B10117-"Dentistry"

1.	General information about the discipline			
1.1	Discipline Code: PVB 3226	1.6	Acad	emic year: 2024-2025
1.2	Title of Discipline: Propaedeutics of internal		Cours	•
1.2	diseases	1.7	Cour	sc. 5
1.3	Prerequisites: Physiology.	1.8	Seme	ester: 6
1.4	Post-requisites: none	1.9		ber of credits (ECTS):4 credits
1.5	1	1.10		conent: VC (university component)
2.	Cycle: DB (basic discipline)		Com	bollent. VC (university component)
	Description of the discipline (maximum 50 word			i-n
	mation of skills in subjective (questioning) and o			
	scultation). Understanding of the basics of semiot			
	ted material on the use of basic methods of clinic			
	al documentation. Planning laboratory and i			
3.	unicating with patients. Improvement of knowleds Summative evaluation form	ge and skin	is, com	tinuous professional development.
		2.5		Coursework
3.1	Testing∜	3.5		
3.2	Written	3.6		Essay
3.3	Oral	3.7		Project
3.4	Practical skills reception	3.8	(Other (specify)
4.	Objectives of the discipline			
Select	ion of laboratory and instrumental methods of rese	earch in th	e main	clinical syndromes of internal diseases
and fo	rmation of students' practical thinking skills on th	e basis of	objectiv	we and subject methods of research,
knowl	edge of physiological mechanisms of developmen	nt and cour	se of di	iseases.
5.	Learning Outcomes (LOs of the discipline)			
RO1.	Demonstrate and apply knowledge of biomedical	, clinical, e	pidemi	ological and social behavioural sciences,
	including commonly accepted, constantly evolvi			
RO2.	Demonstrate interpersonal and communication si			
	result in effective information sharing and co-op-			
	providers		•	
RO3.	Providing effective patient-centred care, including	g appropr	ate and	l effective interventions to diagnose,
	treat and prevent disease			Ç
RO4.	Demonstrating commitment to professional pract	tice and et	nical pr	rinciples
RO5.	Continuous improvement in the quality of care the			_
	assessment and lifelong learning necessary to sup			
RO6.	Know and take responsibility for their actions wi			
	the health care system, to be guided in their pract			
RO7.	Demonstrate their patients' ability to research and			
11071	evidence-based treatment principles			
5.1	ROs of the Learning outcomes of the OP, t	o which th	e disci	pline's RLs are related
	discipline	o willen u	ic disci	pinio s reas are remod
		nly knov	vledge	and skills in biomedical, clinical,
	<u> </u>		_	es, contributing to the development of a
	versatile individual with a broa			<u> </u>
				oment, body structure in normality and
	pathology to understand the me		_	
	pathology to understand the me	CHamsins	or actif	ai uistast.

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	RO 4.	RO 3 De	monstrate i	nterpersonal and	communicati	ion skil	lls to effectively share and
	RO 5.	collaborate	e with patier	nts, their families a	and health car	e profe	ssionals, including the use of
	RO 6.		n technolog				
	RO 2.						es appropriate and effective
				iagnosis, treatmen	_		
	RO 3.					•	tem to ensure documentation
_	RO 7.			viding medical se	rvices to solv	e profe	ssional tasks.
6.						•	
6.1							l medicine are held in the
		-		-	ical skills), v	vhich a	re equipped with specialised
	simulation mo	•		•	المام المسام		manadautiaa uh @mail mu
							ropedevtica vb@mail.ru se contact us by phone and/or
							section on the main page of
	the website.	ed on the web	she of JSC (LL-Center, 11	icipaesi	section on the main page of
6.2		ıırç	Lectures	Prakt. zan.	SRO		SROP
0.2	i tumber of no	uis	8	32	12		68
7.	Information a	hout teachers	_	32	12		00
No	FULL NAME	Degree	Email	Research inte	rests, etc.		Achievements
• \-		and	address	Trosecti est inte	2 0.50.5, 0.00.		
		position	0.0202				
1.	Bekmurzaeva	head of	Elmira-	Scientific work:	"Clinical and	Autho	r of more than 293 scientific
	E.K.	department.	bek@mail	hygienic fea	tures of	and me	ethodological publications, 2
		Doctor of	.ru				oks, 9 manuals. Certificate of
		Medical					ist, gastroenterologist and
		Sciences,		modern oil	_		atologist of the highest
		Professor		-	-	_	ry. 2005 - 3 Candidate of
				JSC "SHNOS")".		Medic	
						_	ice of Bekmurzaeva K. E.,
							r of Medical Sciences,
							yed by VAK RK. Presence of
							s and patents, author's ions, state registration of
							ctual property object-9:
							ats and patents - 3
2.	Sadykova G.S.	Candidate	gulzhan21	Scientific wo	ork: "Uly		r of more than 35 scientific
		of Medical	71@mail.	hepatitister	kezindegi		scientific-methodical
		Sciences,	ru	pannuvladinninni	_		ations, 8 training manuals,
		Acting		hepatoprotectorly			cate of therapist of the
		Associate					t category. Certificate of
		Professor				specia	list in GP
3	Baidullaev	assistant	bbm2055	-		Author	r of more than 65 scientific
	B.M.		@mail.ru			and	scientific-methodical
						1 -	ations, 6 training manuals.
							cate of therapist of the
		_					t category.
4	Akhayeva	assistant	<u>Laura1990</u>	-		Certifi	cate of specialist GP.
	L.Zh.	I	<u>a00@mail.</u>	İ		1	
	L.ZII.		ru				

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Department "Propaedeutics of Internal Medicine"

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5	Batkhieva M.B.	ass	sistant	Madin_ma dina@mail .ru	-		Specialis	Specialist Therapist Certificate.	
6	Toktarova G.A.	ass	sistant	Toktar_85 85@mail.r u			Certificate of specialist therapist, functional diagnostics, cardiology.		
7	Tazhibaeva A.B.	ass	sistant	Avril.tab @mail.ru	-		Certifica	ate of specialis	t GP.
8	Otynshieva Sh.Ə.	ass	sistant	Ocean- shina@m ail.ru	-		Specialis	st Therapist Co	ertificate.
9	Zhandilov S.M.	ass	sistant	Mash1ror azh@mail .ru	-		Certifica	te of specialis	t GP.
10	Rysbekova G.A.	ass	sistant	gauharco @gmail.c om	-		Certificate of specialist GP.		t GP.
8.	Thematic plan						ı		
Wee k/. day				Sun	nmary	Discipline ROs		Forms/meth ods/ learning technologies	Forms/. evaluation methods
1	Lecture. The importance of internal medicin general medical education. Tasks the propaedeutic clinic. Scheme of dialogue. Interviand general examination of patients.	objectives of the discipline. Scheme of dialogue. Diagnostic value of methods of clinical examination of patients. Survey or medical interview; rules of anamnesis collection (passport section, Complaints e. Interview neral types, clarification of complaints; anamnesis, types of anamnesis. Physical		the discipline. Scheme of agnostic value of methods of animation of patients. Survey terview; rules of anamnesis assport section, Complaints of "patient complaints", its cation of complaints;		. 1	Review lecture Method of analysing, discussing, answering the question.	Blitz survey on the topic	
	Practical exercise Interview, examination palpation, percussion of chest of patitivith pathology the respiration.	the ents of tory	Intervied diseases their develop diseases develop respirat dynami Determ rhythm chest. I and vibo Compar method	s: the main, so pathogeness oment and the role oment of ory system of viewing ination of the of breathing petermination of the rative percess of carrying	ents with respiratory secondary complaints, sis. Features of life history of the of factors in the diseases of the m. Statistical and g of the chest. The frequency, type and the most of the chest of chest resistance.		3	Discussion of the topic of the class, learning practical skills.	ACS/ dumb formula Solving situational tasks, mastering practical skills.

methods of determining the upper and

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SROP. Consultation on the implementation of the SRO 1. SRO assignment Topic: History of the development of diagnostics. A step into the clinic. Medical deontology basis.	lower boundaries of the lungs, the place of Krening. Diagnostic value. Method for determining active mobility of the lower lung margin, diagnostic value The history of the development of the main methods of recognising diseases and an introduction to diagnosis. The concept of health and disease. Diagnostic tasks. Relationship between doctor and patient, introduction to the duties of a doctor. Medical deontology. Trogenics.	RO 3.7	1/5	Preparation and defence of the presentation	Evaluation of the presentatio n
Examination and examination of the patient in normal and pathological condition, palpation of the lungs, percussion, auscultation. Diagnostic value.	Complaints and anamnesis of patients with respiratory system pathology. Examination-examination of the skin, lips, mucous membranes of the fingertips; - the state of external respiration-examination of the nose-state of the edges and wings of the nose, nasolabial triangle, their changes-examination of the chest shape, symmetry of both sides, participation in the act of breathing, their changes. Palpation of the chest: a method of determining the elasticity of the chest; how to determine the vibration of the voice and its changes. Pulmonary percussion: physical basis of pulmonary percussion and open lung sound; rules of percussion, comparative and topographical percussion technique and driving technique. Auscultation of lungs: rules, procedure, technique of auscultation of lungs; normal breathing noises, their types: -vesicular respiration mechanism of formation, characteristic, listening sites, types of changes, physiological causes of changes, mechanism of bronchial respiration, characteristic, listening sites, types of changes, causes of listening in non-specific locations. Diagnostic value.		1	Review lecture Method of analysing, discussing, answering the question.	Blitz survey on the topic
Auscultation of lungs in normal and	Basic rules of auscultation of the lungs. The main noises of breathing. The mechanism of vesicular and bronchial breathing. Bronchophony. Indirect	RO 4,5,6.	3	Discussing the topic of the class, learning	ACS/ dumb formula Solving situational

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conditions. Diagnostic	_	•			practical skills.	tasks, mastering practical skills.
	on on the ation of SRO and identification of diagnostic pathological system. Tresearch spiratory tudy of	tion with the basic methods of and instrumental examination ification of a number of signs that are criteria for all process of the respiratory	RO 3.7	1/6	Preparation and defence of the presentation	Evaluation of the presentatio n
3 Lecture. In examinatio palpation a percussion patients wi pathologies cardiovascus system. Dia value.	of the cardination of the cardination of the cardiovasculor overview: * general composition in skin and mexamination fingers; - look at the tip, its position on physiologic properties strength. Per purpose of percussion doctor, voluplessimeter definition or relative cloand upper, volunteer, particular of the purpose of the purpose of the percussion doctor, voluplessimeter definition or relative cloand upper, volunteer, particular of the purpose of the purpose of the percussion doctor, voluplessimeter definition or relative cloand upper, volunteer, particular of the purpose of the pur	with patients with pathologies ovascular system. Data of physical examination physiological state of the heart area-beat of the heart tip beat, rules of the heart tip beat, its physiological state of the heart in of	RO 1.2.	1	Review lecture Method of analysing, discussing, answering the question.	Blitz survey on the topic

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		the heart-rules and order, position of the physician, volunteer, plessimeter-finger placement, force of the beat;				
	Practical exercise. Has a pathology of the cardiovascular system interview, examination, palpation, percussion of the chest of patients. Diagnostic value.	Complaints of patients characteristic for diseases of the cardiovascular system, basic and additional. Examination of the heart area, determining the diagnostic value of the detected changes. Palpation of the heart area. Beat on the tip of the heart: definition, concept, methods of research. Causes of negative heartbeat. Examination and palpation of large vessels. Study of arterial pulse. Changes in the heart area in diseases. Percussion of the heart: the boundaries of absolute and relative closure of the heart. Methods of determination. Method of determining the cardiac iliac joint, determination of the right and left contour and configuration of the heart. Diagnostic value.	RO 4,5,6.	3	Discussion of the topic of the class, learning practical skills.	ACS/ dumb formula Solving situational tasks, mastering practical skills.
	SROP. Consultation on the implementation of the SRO 3. SRO assignment Topic: Diagnostic value of laboratory methods of investigation in cardiovascular diseases.	Familiarisation with the basic methods of laboratory research and identification of a number of diagnostic signs that are criteria for pathological process of the cardiovascular system.	RO 3.7	1/6	Preparation and defence of the presentation	Evaluation of the presentatio n
4	Lecture. Auscultation of the heart in normal and pathological conditions. Methods of investigation of large and peripheral vessels. Diagnostic value.	Cardiac auscultation: heart tones, mechanisms by which tones or tones 1 and 2 are produced. Determination of valve projection on the anterior surface of the chest, rules, procedure and technique of auscultation of the heart 6; -position of the doctor, volunteer in auscultation of the heart, the order of listening to the heart valves, description of tones 1 and 2 in normal conditions, their difference from each other in auscultation, graphic representation of the sound of tones 1 and 2 at the tip of the heart and base, - types of changes, physiological causes of change. Examination of peripheral vessels,	RO 1.2.	1	Review lecture Method of analysing, discussing, answering the question.	Blitz survey on the topic

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		- Vascular examination palpation of				
		carotid and spindle arteries;				
		determination of visible pulsation, aortic				
		pulsation in the cervical fossa;				
		- method of determining the pulse in the				
		pivotal artery, its properties-comparing				
		the pulse in both hands, frequency,				
		rhythm, completeness, tension, volume,				
		shape;				
		- determination of pulse in temporal,				
		temporal, brachial, ulnar, knee, plantar				
		arteries;				
		- Concept and types of ad; method of				
		auscultatory determination of blood				
		pressure in the ulnar artery.				
	Practical exercise.	Technique and methods of auscultation	RO	3	Discussing	ACS/ dumb
	Auscultation of	of the heart. The order of listening.	4,5,6.		the topic of	formula
	heart and vessels in	Places for listening realistic projection of			the class,	Solving
	normal and	valves. Auscultatory characteristics of			learning	situational
	pathological	heart tones in a healthy person.			practical	tasks,
	conditions.	Mechanisms of tone formation.			skills.	mastering
	Diagnostic value.	Causes of strengthening and weakening of the heart tone. Classification of cardiac				practical skills.
		murmurs.				SKIIIS.
	SROP.	Familiarity with the methods of	RO 3.7	1/6	Preparation	Evaluation
	Consultation on the	electrocardiographic examination and	RO 3.7	1/0	and defence	of the
	implementation of	identification of a number of diagnostic			of the	presentatio
	the SROP 4. SRO	signs that are criteria for the pathological			presentation	n
	assignment	process of the cardiovascular system.			1	
	Topic: Diagnostic					
	value of ECG.					
	Electrocardiographi					
	c signs of atria and					
	ventricles of the					
	heart.					
5	Lecture. Methods	Familiarity with the basic methods of	RO 1.2.	1	Review	Blitz
	of research of	instrumental examination and			lecture	survey on
	patients with	identification of a number of diagnostic			Method of	the topic
	pathology of the	signs that are criteria for pathological			analysing,	
	digestive system.	process of the upper digestive system.			discussing,	
	Diagnostic value.				answering	
	Donatical	Trade medicane and the season of the season	D.O.	2	the question.	A CCC / 1 1
	Practical exercise.	Interviews with patients with pathology	RO	3	Discussion	ACS/ dumb
	Methods of	of the digestive system. Data of methods	4,5,6.		of the topic	formula Solving
	investigation of patients with	of physical examination of the digestive system in physiological conditions.			of the class,	Solving situational
	pathology of the	General examination of patients with			learning practical	tasks,
	digestive system.	pathology of the digestive system.			skills.	mastering
	digestive system.	Objective methods of research:			SKIIIS.	mastering
		Sojutito inclicas of foscaron.				

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	Diagnostic value.	examination of diseases of the gastrointestinal tract, diagnostic value of superficial and deep palpation of the abdominal cavity, percussion of the liver and spleen, auscultation of abdominal organs. Examination of the skin, mouth and abdomen in a sitting and lying position. Deep palpation of the abdomen according to the method of Obraztsov. Detection of Scholpulsky noise.				practical skills.
	SROP. Consultation on the implementation of the SRO 5. SRO assignment Topic: Technique and preparation of instrumental methods of investigation of patients with diseases of the upper and lower digestive system.	Familiarity with the basic methods of instrumental examination and identification of a number of diagnostic signs that are criteria for pathological process in the upper and lower part of the digestive system.	RO 3.7	2/5	Preparation and defence of the presentation	Evaluation of the presentatio n
	Routine control No. 1	Supervision includes the content of lectures, practical sessions and SLO topics over 1-5 days.			Question and Answer Method.	Demonstrat ion of practical skills, completing and defending a learning dialogue, oral questioning
6	Lecture. Leading clinical syndromes in nephrology (dysuric, nephrotic, nephritic, hypertensive and renal failure). Methods of investigation of patients with pathology of the urinary system.	Factors and causes leading to the development of dysuric, nephrotic, nephrotic, hypertensive syndromes and (acute and chronic) renal failure. Interviews with patients with pathology of the urinary system and external genitalia. Data of methods of physical examination of the urinary system and external genitalia. General examination: examination of the face, eyelids; examination of the lumbar region, assessment of the degree of renal prolapse, palpation, method of	RO 1.2.	1	Review lecture Method of analysing, discussing, answering the question.	Blitz survey on the topic

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	Diagnostic value.	percussion, method of renal area shock, percutaneous determination of the upper border of the bladder, auscultation - methods of listening to the renal arteries.				
	Practical exercise. Laboratory and instrumental methods of investigation of patients with pathology of the urogenital system. Diagnostic value.	Interview with the patient (investigation of his/her complaints and their interpretation). Examination of the patient (obligatory to focus on the general condition, activity of the patient, recovery in bed, posture, flaking of fat deposits, muscles, increase in body weight, water accumulation, change in skin colour, appearance of hemorrhagic and other changes). Palpation and percussion of the patient. Collection of urine to conduct VZ, Zimnitsky, Reberg test, its indicators in pathological and normal state. Principles of determination of creatinine, urea and residual nitrogen in serum, their indices in norm and pathology. The principle of radioisotope X-ray, diagnostic capabilities. Readiness and technique of excretory urography indicators in normal and pathological conditions. Determination of the rate of glomerular filtration: counting NF according to the formula CKD-EPI. Visiual methods of research: radiological and ultrasound. Significance of endoscopic methods of research.	RO 4,5,6.	3	Discussing the topic of the class, learning practical skills.	ACS/ dumb formula Solving situational tasks, mastering practical skills.
	SROP. Consultation on the implementation of the SROP 6. SRO assignment Topic: Instrumental methods of investigation of patients with diseases of the urinary system.	Familiarity with the basic methods of instrumental examination and identification of a number of diagnostic signs that are criteria for pathological process of the urinary system.	RO 3.7	1/6	Preparation and defence of the presentation	Evaluation of the presentatio n
7	Lecture. Leading clinical syndromes in haematology (anaemic). Methods of investigation of patients with pathology of the	Factors and causes leading to the development of anaemic syndrome. Interview with patients with pathology of the hematopoietic system. Data of methods of physical examination of the hematopoietic system. General overview:	RO 1.2.	1	Review lecture Method of analysing, discussing, answering the question.	Blitz survey on the topic

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	hematopoietic system. Diagnostic value.	method of palpation and percussion of the spleen.				
	Practical exercise. Methods of laboratory research of patients with pathology of the hematopoietic system. Diagnostic value.	Methods of clinical investigation of patients with pathology of the hematopoietic system. Structure of hematopoiesis. Indicator of peripheral blood in the norm. Complaints of patients with diseases of the blood system. Palpation of lymph nodes. Percussion of the spleen.	RO 4,5,6.	3	Discussing the topic of the class, learning practical skills.	ACS/ dumb formula Solving situational tasks, mastering practical skills.
	SROP. Consultation on the implementation of the SRO 7. SRO assignment Topic: Instrumental methods of investigation of patients with diseases of the hematopoietic system.	Familiarity with the basic methods of instrumental examination and identification of a number of diagnostic signs that are criteria for pathological process of the hematopoietic system.	RO 3.7	1/6	Preparation and defence of the presentation	Evaluation of the presentatio n
8	Lecture. Methods of research of patients with endocrine system pathology. Diagnostic value.	Interview with patients with endocrine system pathology. Data of methods of physical examination of the endocrine system. General examination: examination of the skin, face, eyelids. Method of palpation of the thyroid gland.	RO 1.2.	1	Review lecture Method of analysing, discussing, answering the question.	Blitz survey on the topic
	Practical exercise. Methods of laboratory research of patients with endocrine system pathology. Diagnostic value.	Complaints of patients with endocrine system pathology. Features of anamnesis of development and life of the patient's disease. Pathological symptoms detected in patients with endocrine system lesions.	RO 4,5,6.	3	Discussion of the topic of the class, learning practical skills.	ACS/ dumb formula Solving situational tasks, mastering practical skills.
	SROP. Consultation on the implementation of the SRO 8. SRO assignment Topic: Endocrine types of obesity, classification, risk factors.	Doing so may result in damage to the family. Do not place the device in a position where it can cause damage to the body.	RO 3.7	1/6	Preparation and defence of the presentation	Evaluation of the presentatio n

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Practical exercise. Methods and technique of examination of RO 4 Discussion ACS/ dumb Methods of musculoskeletal apparatus. The main 4,5,6. of the topic formula symptoms of diseases of musculoskeletal of the class. laboratory research Solving of patients with tissue, acute allergies are their diagnostic learning situational pathologies of the practical value. tasks, musculoskeletal skills. mastering system. Diagnostic practical value. skills. SROP. Introduction to functional methods in RO 3.7 1/5 Preparation Evaluation and defence Consultation on the neurology. Identification of physiological of the and pathological reflexes. of the implementation of presentatio the SRO 9. SRO presentation n assignment Topic: Methods of functional studies in neurology. 10 Practical training. ACS/ dumb Methods of examination of neurological RO Discussing status in adults: examination, palpation, 4.5.6. Scheme of filling in the topic of formula the neurological detection of tendon reflexes. Interview the class, Solving with patients with pathologies of the status. learning situational nervous system, history of development practical tasks. and life of the disease. Methods of skills. mastering external and local examination of patients practical with pathologies of the nervous system. skills. General symptomatology of lesions of the nervous system. Question-Routine check #2 Supervision includes the content of lectures, RO 3.7 2/5 Demonstrat practical sessions and SLO topics over 6-10 and-answer ion of days. method practical skills, completing and defending a learning dialogue, oral questioning 11 **Preparing** and conducting 12 interim certification 9. Teaching and learning methods 9.1 Lectures Overview lecture. Blitz-question on the topic. 9.2 Practical exercises Discussing the topic of the lesson, solving situational tasks, acquiring practical 9.3 SROS/SROPS Preparation and defence of the presentation. Demonstration of practical skills, completing and defending a learning dialogue, 9.4 Routine monitoring oral questioning. 10. Evaluation criteria

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10.1 C	riteria for assessing the learn	ing outcomes of th	ne discipline		
NO.	Name of learning	Unsatisfactory	Satisfactory	All right.	That's great
RO	outcomes				
RO1.	Demonstrate and apply knowledge of biomedical, clinical, epidemiological and social behavioural sciences, including commonly accepted, constantly evolving and updated knowledge	1) unable to determine the basics of semiotics and syndromology, basic parameters of laboratory and instrumental studies of pathological processes of organs and systems 3) does not explain the etiology, pathogenesis, morphogenesis of various diseases.	1) has difficulty in defining the basics of semiotics and syndromology 2) knows the basic parameters of laboratory and instrumental investigations of pathological processes of organs and systems 3) has difficulty in determining the etiology, pathogenesis, morphogenesis of various	1) defines the basics of semiotics and syndromology 2) applies knowledge of basic parameters of laboratory and instrumental research of pathological processes of organs and systems 3) explains the etiology, pathogenesis, morphogenesis of various diseases.	1) independently defines the basics of semiotics and syndromology 2) analyses the main parameters of laboratory and instrumental studies of pathological processes of organs and systems. 3) analyses questions of etiology, pathogenesis, morphogenesis of various diseases.
RO2.	Demonstrate interpersonal and communication skills, including the use of information technology, that result in effective information sharing and co-operation with patients, their families and health care professionals	1) incapable of questioning, physical examination of the patient, drawing up an examination plan. He is unable to communicate normally with his colleagues.	diseases 1) makes inaccuracies in questioning and physical examination of patients 2) has difficulties in collecting information, in drawing up an examination plan; 3) is unable to justify the plan of basic and additional studies to clarify the syndrome of the lesion. It is difficult to	1) conducts interviews, physical examination of patients 2) collects information when drawing up the examination plan 3) justifies the planned scope of basic and additional studies to clarify the lesion syndrome. Easy to communicate	1) fluent in questioning and physical examination techniques 2) independently conducts Questioning, physical examination of patients 3) Uses clinical reasoning in gathering information to develop an examination plan 4) justify the planned scope of the main and additional

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RO3.	Providing effective patient-centred care, including appropriate and effective interventions to diagnose, treat and prevent disease	1) unable to determine the basics of semiotics and syndromology, basic parameters of laboratory and instrumental studies of pathological processes of organs and systems	communicate with colleagues. 1) has difficulty in defining the basics of semiotics and syndromology 2) knows the basic parameters of laboratory and instrumental investigations of pathological	with colleagues. 1) defines the basics of semiotics and syndromology 2) applies knowledge of basic parameters of laboratory and instrumental research of pathological processes of	The relationship with colleagues is very high. Relations with colleagues are at a very high level. 1) independently defines the basics of semiotics and syndromology 2) analyses the main parameters of laboratory and instrumental studies of pathological processes of organs and systems. 3) analyses
		3) does not explain the etiology, pathogenesis, morphogenesis of various diseases.	processes of organs and systems 3) has difficulty in determining the etiology, pathogenesis, morphogenesis of various diseases	organs and systems 3) explains the etiology, pathogenesis, morphogenesis of various diseases.	questions of etiology, pathogenesis, morphogenesis of various diseases.
RO4.	Demonstrating commitment to professional practice and ethical principles	1) incapable of questioning, physical examination of the patient, drawing up an examination plan. He is unable to communicate normally with his colleagues.	1) makes inaccuracies in questioning and physical examination of patients 2) has difficulties in collecting information, in drawing up an examination plan; 3) is unable to justify the plan of basic and additional studies to clarify the	1) conducts interviews, physical examination of patients 2) collects information when drawing up the examination plan 3) justifies the planned scope of basic and additional studies to clarify the lesion syndrome.	1) fluent in questioning and physical examination techniques 2) independently conducts Questioning, physical examination of patients 3) Uses clinical reasoning in gathering information to develop an examination plan 4) justify the planned scope of

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RO5.	Continuous improvement in the quality of care through demonstrated competencies, ongoing self-assessment and lifelong learning necessary to support continued personal and professional growth	1) unable to determine the basics of semiotics and syndromology, basic parameters of laboratory and instrumental investigations of pathological processes of organs and systems 3) does not explain the etiology, pathogenesis, morphogenesis of various diseases.	syndrome of the lesion. It is difficult to communicate with colleagues. 1) has difficulty in defining the basics of semiotics and syndromology 2) knows the basic parameters of laboratory and instrumental investigations of pathological processes of organs and systems 3) has difficulty in determining the etiology, pathogenesis, morphogenesis of various	Easy to communicate with colleagues. 1) defines the basics of semiotics and syndromology 2) applies knowledge of basic parameters of laboratory and instrumental research of pathological processes of organs and systems 3) explains the etiology, pathogenesis, morphogenesis of various diseases.	the main and additional The relationship with colleagues is very high. Relations with colleagues are at a very high level. 1) independently defines the basics of semiotics and syndromology 2) analyses the main parameters of laboratory and instrumental studies of pathological processes of organs and systems. 3) analyses questions of etiology, pathogenesis, morphogenesis of various diseases.
RO6.	Know and take responsibility for their actions within the current legislative and regulatory framework of the health care system, to be guided in their practice to ensure optimal health care	1) incapable of questioning, physical examination of the patient, drawing up an examination plan. He is unable to communicate normally with his colleagues.	diseases 1) makes inaccuracies in questioning and physical examination of patients 2) has difficulties in collecting information, in drawing up an examination plan; 3) is unable to justify the plan of basic and additional	1) conducts interviews, physical examination of patients 2) collects information when drawing up the examination plan 3) justifies the planned scope of basic and additional studies to clarify the	1) fluent in questioning and physical examination techniques 2) independently conducts Questioning, physical examination of patients 3) Uses clinical reasoning in gathering information to develop an examination plan

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			studies to clarify the syndrome of the lesion. It is difficult to communicate with colleagues.	lesion syndrome. Easy to communicate with colleagues.	4) justify the planned scope of the main and additional The relationship with colleagues is very high. Relations with colleagues are at a very high level.
RO7.	Demonstrate their patients' ability to research and evaluate treatment outcomes, evaluate and implement evidence-based treatment principles	1) incapable of questioning, physical examination of the patient, drawing up an examination plan. He cannot communicate normally with his colleagues.	1) makes inaccuracies in questioning and physical examination of patients 2) has difficulties in collecting information, in drawing up an examination plan; 3) is unable to justify the plan of basic and additional studies to clarify the syndrome of the lesion. It is difficult to communicate with colleagues.	1) conducts interviews, physical examination of patients 2) collects information when drawing up the examination plan 3) justifies the planned scope of basic and additional studies to clarify the lesion syndrome. Easy to communicate with colleagues.	1) fluent in questioning and physical examination techniques 2) independently conducts Questioning, physical examination of patients 3) Uses clinical reasoning in gathering information to develop an examination plan 4) justify the planned scope of the main and additional The relationship with colleagues is very high. Relations with colleagues are at a very high level.

Checklists for the practical session

10.2	Evaluation Criteria.					
			Level			
№	Evaluation criteria	That's great	All right.	Satisfactory	Unsatisfa ctory	
	Practical exercises:					
1	Written answer to the questions of this assignment/writing of the laboratory report	30	21	15	0	
2	Oral response to the questions in this assignment	30	21	15	0	

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3	Execution of test tasks	12	8	6	0
4	Solution of situational tasks	28	20	14	0
	Common:	100	70	50	

Execution of test tasks

No	Evaluation criteria	Scores
1	90-100% correct answers	10-12
2	70-89% correct answers	8-9
3	50-69% correct answers	6-7
4	Less than 50% of correct answers	0-2

Solution of situational tasks

No	Evaluation criteria	Scores
1	Demonstrates original thinking when dealing with a situational problem. Fully utilises	25-28
	the theoretical knowledge required in solving the given problem. Demonstrates	
	excellent knowledge of reference biochemical parameters in interpreting the proposed	
	data of biofluid analyses. Demonstrates the ability to draw logical conclusions from the	
	case study with a thorough understanding of the required learning material.	
2	Possesses the necessary knowledge to solve this case study. Allows non-principled	19-24
	inaccuracies when discussing the case. Is able to draw correct conclusions on the	
	proposed case study.	
3	Makes non-principled inaccuracies when discussing the given task, has difficulties in	14-18
	interpreting the analyses proposed in the situational task. Draws conclusions with	
	difficulty.	
4	Makes fundamental errors in the discussion of the situational task. Passive, unable to	0-13
	make appropriate conclusions.	

Situational tasks - maximum <u>28 points</u> (each task maximum 14 points):

No॒	Questions	Level				
		That's great.	All right.	Satisfactory	Unsatisfactory	
1	1 case study on the	14	10	7	0	
	topic					
2	2 case study on the	14	10	7	0	
	topic					
	Bottom line:	28	20	14	0	

Cheque sheet for SROs

	Independent work of students (SRO)					
Preparing for the	That's great	The presentation is made independently, in due time, at least				
presentation of the	Relevant	3 literature sources are used, the slides are meaningful and				
topic	assessments:	well-designed, during the defence the speaker demonstrates				
	A (4,0; 95-100%);	deep knowledge of the topic, does not make mistakes when				
	A- (3,67; 90-94%)	answering questions during the discussion answers clearly				
		without difficulty or a little thoughtful with uncertainty.				
	All right.	The presentation is made independently, in the appointed				
	Meets the grades:	time, at least 3 literature sources are used, the slides are				
	B+ (3,33; 85-9%);	informative, perhaps not laconic, during the defence the				

B (3,0; 80-84%);	speaker demonstrates good knowledge of the topic, makes
B- (2,67; 75-79%)	mistakes when answering questions, which he/she corrects.
C+ (2,33; 70-74%)	
Satisfactory	The presentation is made independently, in due time, at least
Meets the grades:	3 literature sources are used, the slides may be incomplete, at
C(2,0; 65-69%)	the defence the author makes fundamental mistakes when
C-(1,67; 60-64%)	answering questions or is not oriented in his own material.
Д+ (1,33; 55-59%)	
Д(1,0; 50-54%)	
Unsatisfactory	For the rewriting of this paper. When defending the
FX (0.5; 25-49%)	presentation, the text reads incorrectly. The student is not
F (0; 0-24%)	sufficiently orientated in his own material.

Interim certification - CTIC

Checklist for the final control

Shape	Evaluation	Evaluation criteria
controls		
Solution of situational	"Excellent."	The learner has an unmistakable <u>understanding</u> of major and
tasks according to the	90-100%	minor complaints, and an excellent knowledge of the collected
tickets		history of life and illness.
		Relates the data of objective and physical examination
		(palpation, auscultation, percussion), correctly <u>interprets</u> the
		data of laboratory and instrumental studies.
		Knows how to <u>assess</u> pathophysiological patterns of research
		results.
		<u>Finds and relates</u> relationships between major symptoms and syndromes.
		<u>Justifies and makes a presumptive post-syndromic diagnosis.</u>
		The learner has answered the question on the task without error
		based on understanding, knowledge and clinical reasoning of
		the clinical situation in question.
		Performs basic physical examinations on a given task according
		to an algorithm without error (practical skill #1)
		Performs basic physical examinations on a given task without
		error according to an algorithm (practical skill #2)
	"Good."	The learner has an excellent understanding of major and minor
		complaints, and is well <u>orientated</u> in the collected history of life
	70-89%	and illness.
		Relates data of objective physical examination (palpation,
		auscultation, percussion), interprets data of laboratory and
		instrumental investigations with errors.
		There are errors in <u>assessing the</u> pathophysiological patterns of
		study results.
		Finds and relates relationships between major symptoms and
		syndromes.
		Makes a presumptive post-syndromic diagnosis without
		substantiating the data

		The learner did not answer the task question in full for the
		given clinical situation
		Performs basic physical examinations on a given task with gaps
		according to the algorithm (practical skill #1)
		Performs basic physical examinations on a given task with gaps
		according to the algorithm (practical skill #2)
"	Satisfactory."	The learner <u>analyses</u> major and minor complaints with errors, is
		poorly <u>oriented</u> in the collected history of life and disease.
50	0-69%	Relates the data of objective physical examination (palpation,
		auscultation, percussion), correctly <u>interprets</u> the data of
		laboratory and instrumental studies.
		Unable to <u>assess</u> pathophysiological patterns of outcome of
		study.
		<u>Unable to relate the relationship between major symptoms and</u>
		syndromes.
		Makes a presumptive post-syndromic diagnosis without
		substantiating the data
		The learner answered the question on the task without
		understanding, knowledge and clinical reasoning about the
		clinical situation in question
		Performs basic physical examinations on a given task with
		fundamental errors (practical skill #1)
		Performs basic physical examinations on a given task with
		fundamental errors (practical skill #2)
<u>'''</u>	Unsatisfactory.	The learner has no idea about major and minor complaints, is
"	=	not <u>orientated</u> in the collected history of life and disease.
		Does not see the relationship between the data of objective
)-49%	physical examination (palpation, auscultation, percussion), does
		not correctly <u>interpret the</u> data of laboratory and instrumental
		studies.
		Does not know how to evaluate pathophysiological patterns of
		study results.
		Does not find and is unable to make connections between major
		symptoms and syndromes.
		Makes a presumptive post-syndromic diagnosis without
		substantiating the data
		The learner did not give a correct answer to the question on the
		task
		The skill shown for this task does not correspond to the
		algorithm (practical skill #1).
		The skill shown for this task does not correspond to the
		algorithm (practical skill #2).

Multiple point knowledge assessment system

Letter grade	Digital equivalent of points	Percentage content	Evaluation under the traditional system
A	4,0	95-100	That's great

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٨	2.67	00.04	
A -	3,67	90-94	
B +	3,33	85-89	All right.
В	3,0	80-84	
B -	2,67	75-79	
C +	2,33	70-74	
С	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 simulations, professional blogs, websites, other electronic reference materials (e.g.: video, audio, digests)

-UKMA Digital Library - https://e-lib.skma.edu.kz/genres

-Republican Interuniversity Electronic Library (RMEL) - http://rmebrk.kz/

-Aknurpress Digital Library - https://www.aknurpress.kz/

-Epigraph Digital Library - http://www.elib.kz/

-Epigraph - multimedia textbook portal https://mbook.kz/ru/index/

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12. Discipline Policy

Student requirements, attendance, behaviour, grading policy, penalties, incentives, etc.

- 1. Wear special clothes (dressing gown, cap, change of shoes) during classes.
- 2. Compulsory attendance at lectures, practical classes and SROP according to timetables.
- 3. Do not be late, do not miss lectures and classes. In the case of illness, provide a certificate and a completion sheet with the deadline, which is valid for 30 days from the date of receipt in the dean's office.
- 4. Missed classes for an unexcused reason are not worked out. Students who miss classes for an unexcused reason will receive a grade "0" next to the mark "n" in the electronic journal and penalty points will be deducted:
 - the penalty point for missing 1 lecture is 1.0 point from the grades of the end-of-term control;
 - The penalty point for missing 1 SROP session is 2.0 points from the SRO grades.
- 5. Attendance of SROP classes is compulsory. In case of absence of students on SROP, a mark "n" is made in the training and electronic journal.
- 6. Each student must complete all forms of SLO assignments and turn them in on schedule.
- 7. For each practical session and SROP, all students must prepare in a timely and clear manner and actively participate in the discussion of the topic.
- 8. Be responsible for the sanitary condition of their workplace and personal hygiene.
- 9. Eating in the classrooms is strictly prohibited.
- 10. Observe safety rules when working with simulation simulators
- 11. Observe the Academy's internal regulations and ethical behaviour.
- 12. To be tolerant, open and friendly to fellow students and faculty.
- 13. Treats the department's property with care.

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SOUTH KAZAKHSTAN

MEDICAL

AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ

ACADEMY АО «Южно-Казахстанская медицинская академия»

Department "Propaedeutics of Internal Medicine" Working curriculum (syllabus) for the discipline "Propaedeutics of Internal Medicine" 47/11 () Pg. 22 Of 24

13.	Academic policies based on the	moral and ethical value	s of the academy		
13.1	II. 4 Student Code of Honour				
13.2	GRADING POLICY 1. Several forms of knowledge cor 2. A student who has not achieved of-term control №1 and/or №2) 3. The final rating of admission to is calculated automatically on the of end-of-term controls (20%). 4. Final certification - is conducted.	a passing score (50%) or is not allowed to take the the examination in the the basis of the average g	e examination in the discipling discipline must be at least 50 rade of the current control (4	ne. points (60%) which	
14.	Harmonisation, approval and revis	ion			
Date	of agreement with the library and information centre	No of the minutes	Full name of the head of the library and information centre	Caption	
	14.06.24	9	Darbicheva R.I.	Car	
Da	te of approval by the department	No of the minutes	Full name of the head of the department	Caption	
	31.05.2024	10	m.g.d., professor Bekmurzaeva E.K.	Dety-	
Date of approval by the EC OP		No of the minutes	Full name of the Chairperson of the AC	Caption	
	24.06.29	11	Kenbaeva L.O.	do	

Φ-044/270/01-2024

"Working curriculum of the discipline (Sillabus) 2024-2025 protocol for alignment of training with other relevant disciplines"

Harmonisation disciplines	Suggestions for changes in proportions of material, order of presentation, etc.	Minutes numbers and dates of meetings of the approving chairs	
1	2	3	
Prerequisite: Physiology	Physiology is a fundamental experimental and theoretical science of the vital activity of the whole organism, physiological systems, organs, cells and individual cellular structures, regulatory mechanisms in the interaction of the organism with the environment.	28.05 2024r.	

Prerequisite:

Head of the Department of Morphophysiology c.m.s, Acting Professor Tanabaev B.D.____

OŃTÚSTIK-QAZAQSTAN

MEDISINA
AKADEMIASY

«Оңтүстік Қазақстан медицина академиясы» АҚ

Department "Propaedeutics of Internal Medicine"

Working curriculum (syllabus) for the discipline "Propaedeutics of Internal Medicine"

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