#### Syllabus

## Work study program of the discipline "Respiratory system in normal" Name and code of the educational program: 6B10117 "Dentistry"

<b>11.</b>	General information about the discipline
1.1	Код дисциплины: NRS 2212 1.6 Academic year: 2025-2026
1.2	The name of the discipline: Respiratory system in 1.7   Course:2
300	normal of the state of the stat
1.3	Prerequisites: Introduction to the profession, 1.8 Term:3
Mg.	Structural organization of human physiological
2	processes
1.4	Postrequisites: general pathology, cardiorespiratory 1.9 Number of credits (ECTS): 4/120
3.	system in pathology
9	Cycle: BD 1.10 Component: UC
2.	Description of the discipline

Integrated discipline: the study of morphofunctional features of the cardiovascular system with an emphasis on the upper respiratory tract and their connection with the organs of the craniofacial region, for the safe and reasonable conduct of dental interventions, their topical basis for physical diagnosis, understanding the relationship between the structures of the head, neck and respiratory system, which is critically important in the diagnosis, treatment

and prevention of diseases in the dental practice.

è	3.0	Форма суммативной оценки	60 11/k	S. The Go. Kr. 21
	3.1	• Testing	3.5 X	Course work
Z	3.2	Written	3.6	Essay
	3.3	Verbal	SK 3.7 30	Project A A
	3.4	Assessment of practical skills	3.8	Other (specify)
_(	11/	Objectives of the dissipline		S. L. S. We SO

To form students' deep and comprehensive knowledge and understanding of the anatomy, histology, and physiology of the respiratory system in a healthy body. This allows them to fully interact with patients in the future, as well as successfully integrate the acquired knowledge into clinical practice and visual

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	5.100	Final learning outco	mes (LO disciplines)									
	LOI	Demonstrates know	ledge of the subject and tasks of anatomy, histology and physiology, their									
)		importance for med	icine 34, 140° 6411, 147 344, 140° 66, 911, 147 3 344, 140° 60° 911, 14									
	LO 2	He knows the basic	physiological processes in the lungs, understands the regulation of									
۶. 6	o edu.k	breathing. He is able to explain the mechanisms of gas exchange and transport of oxygen and carbon dioxide.										
رح	LO3		ic physiological processes in the lungs, the regulation of respiratory activity.									
2	Mg.	-	the mechanisms of gas exchange and transport of oxygen and carbon									
	St. S	dioxide.	Si Die Mir V Alle Go Mir S. Wig Go A &									
1	LO4		he essence of research methods for various human structures and functions,									
	1 à	widely used in pract										
	LO5		e and communicate information obtained in the course of practical skills,									
<i>)</i> .	Kr	determines its signif	ficance for characterizing the state of the body.									
	5.1		earning outcomes of the EP, which are LO disciplines									
0	Egn.	LO1 & L	O 1 – Demonstrate and apply knowledge and skills in the field of biomedical,									
V.	Ma. of	LO 2	inical, epidemiological, socio-behavioral sciences that contribute to the									
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6	71.	Anatomy. Practical lesson 1. External nose. The nasal cavity	Anatomical structure of the external nose, nasal septum,	LO1, 1	3	work in small groups with	oral survey, assessment sheet	0
1	e/s	and its walls. Paranasal sinuses	nasal passages and paranasal	LO3	Kr	anatomical	for solving	10.
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100	· (	Physiology of SIWT/SIW 1 Features of breathing in	Breathing during muscular work. Breathing at low and high	LO4 LO5	1/7	Preparation and protection of	A checklist for evaluating SIW.	
SK	Mo	different conditions.	atmospheric pressure. Artificial	20,2	, 5	presentations.	evaluating STW.	690
c)	F. (	The task of the SIW is to study changes in the	respiration.	60 111.	. 12	Skilligarous 912	Kr Sp Kus.	
KL	5	functions of the respiratory	Respiration of the Sking	So Garage	7.4-	1. 4	WILL ST	10
K		system in various physiological and pathological conditions, as	3×1, 20 6911 1 34	W. S.	77),	KI SKINONO	300 11/K1 2/2	
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1.	1, 5	Physiology of the respiratory system. External breathing.	properties of the lungs. The minute volume of breathing.	LO1, LO2, LO3	77.	issues of the topic, completing test	assessment of the performance of	tu
777.		Skula Sepannik	minute volume of breathing.	F) 100.	911	tasks, solving	test tasks,	3
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'U'	10.00	<b>Histology.</b> Practical lesson 1 Topic: Nasal cavity,	Shells of the wall of the airways. Extrapulmonary	LO2.	1	Small group work, checklist of	Practical lesson evaluation	7.1
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		Anatomical and topographic	topographic features of the	LO5	60,	protection of the	Assessment	Ġ
>,	3011.	features of the nasal cavity and paranasal sinuses. Their	nasal cavity and paranasal	Co. I	9.	presentation	sheets for all forms of	1
100		importance in clinical practice.	sinuses. Their importance	1.	KINO	ing squist	forms of completed assignments.	1
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ill.	Segmental structure of the lungs. Principles of bronchopulmonary surgery.  SIW Assignments:	bronchopulmonary surgery	K 84	protection of the presentation	sheets for all	7.4
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>. ×	lungs for performing organ- preserving operations in thoracic surgery.	2. Kus. Egg. Kr	St. 10.	egn. Kr ext	V3. 9/11.	1
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Sqn.K	«Оңтүстік Қазақстан медици		TH KAZAKHSTAN DICAL DEMY	it s sking	3. ede 971. KJ St.
, V.S.S.S.S.S.S.S.S.S.S.S.S.S.S.S.S.S.S.S	Willy Sky Was Spire			жая медицинская акад 42/11	жия».
KUIC		ent of "Topographic anatomy and hi of the discipline "Respiratory sys		52/11 Page 5 of	42 skindie agui.
y d	determine which segment should be removed during segmentectomy.	is shirt a skurusis	s egnitir	skylo egg egg	Kr skugi
J.K-4	Anatomy. Lecture 2 Morphofunctional	Pharynx, larynx; topography, structure, functions.	and eduly	Overview	Feedback (security
, 6911's	characteristics of the pharynx and larynx.	SK SKUS. SEGN. MIKI	st kno eg	J.K. SK. SKUSE	questions)
9.	Physiology. Practical lesson 2 Gas exchange in lungs and tissues. Total lung capacity.	Gas exchange in lungs and tissues. Vital capacity of the lungs, Spirometry.	LO1, LO2, LO3	discussing the main issues of the topic, completing test	Oral interview, assessment of the performance of
of the	dissues Total lung capacity.	dedulity of skills and	LO3	tasks, solving situational	test tasks, assessment of the
1	St. 50. 17 St.	D. 77. 1 KI	edn., Kr	problems.	solution of situational tasks
111/1	Histology. Practical lesson 2 Theme: Trachea and main bronchi.	Extrapulmonary airways. The structure of the wall of the	LO1, 2 LO2, LO3	Small group work, checklist of	Practical lesson evaluation
697	Trachea and main bronchi.	airways: trachea and main bronchi, Histofunctional features of the mucous	Star of Star o	histopreparations, micrographs	checklist.
0.	Histology.	membrane. Lungs.Intrapulmonary airways:	LO4 1	Working in small	Checklist for
eku.	SIWT 1. Bronchi and bronchioles.	bronchi and bronchioles.The dependence of the structure of	LO51	groups, defending a presentation,	SIW assessment
1	2. Surfactant-alveolar complex. Task SIW 1. Explain how the transition	the bronchial wall and bronchioles on their caliber.Structural and chemical	egn. N.K.	compiling a glossary.	Kr Skul
2011.12	from the bronchus to the	organization and function of the surfactant-alveolar complex.The	Exugina en grant	gn'ky ekug.	5gn K1 84
691	Kr 2 skur us so Ankr	partitions	St. Tus. Se	gn. Kr sku	
5	Physiology. Lecture 2	The respiratory center. Humoral effects on the respiratory center.	rol ku	overview (1) S	Feedback (security
SXXX	Anatomy, Practical lesson 3.	Reflex actions on the respiratory center.  The structure of the trachea.	£01, \3	work in small	questions) oral survey,
(1 S)	enetowical and tonographic	primary secondary and tertiary	LO2, LO3	groups with anatomical	assessment sheet for solving
, NY. FI	features.	primary, secondary and tertiary bronchi.	Ethio Balla edu	preparations, torso, dummies, posters,	situational tasks, assessment sheet
egn.	features.	bronchi.	34 0.00.	on the interactive panel "Pirogov" and/or solving test	test tasks
Skus.	Histolom Sking edu. Kl	W. Kula skug shi sa shi k	1/2 sking	and situational tasks	East marise office
Sku.	SIWT/SIW 2.	material on the topics of	LO4 2 9	Written response to tickets (situational	MK assessment Checklist
12	Border control 1.	lectures, practical exercises, exercises and deadlines.	roj (1)	tasks)	D. A. Skill
7. 6	Histology. Lecture No. 2 Topic: Lung Histology	Morphofunctional characteristics of the lung. Bronchi, bronchioles, alveoli.	FLOI.	overview	Feedback (security questions)
×. 0. 0.0	Histology. Lecture No. 2 Topic: Lung Histology	Pneumocysts, surfactant. Respiratory department of the	1 skus seli	edriky sku	(security questions)
KILO.	Physiology. Practical lesson 3	lung. The air-blood barrier.  Transportation of gases by	LOI, 2	discussing the main	Of all litter view,
State	Transportation of gases by	blood. Oxygen transport.	E02, 1 3	issues of the topic,	assessment of the
, d	Transportation of gases by	blood. Oxygen transport, o	na. edu. kl	issues of the topic,	assessment of the
7.	1 3kg, 20'6, 90'1, 13	SKUL 3:80, 771-KI 34	Klus. Segn	iks sk was	ign fr sk

# ONTÚSTIK-OAZÁOSTAN MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ ONTÚSTIK-OAZÁOSTAN



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7.71	sk, ws. egn. K		H KAZAKHSTAN ICAL	Kr S. Vo.	30 11 SK
So. Sy	«Оңтүстік Қазақстан медици	АКАДЕМІАSY АСА АО «АСА АО «	Южно-Казахстанс	жай медицинская акад	емия»
FUG.	Departme	Department of "Morphophysiology" ent of "Topographic anatomy and hi of the discipline "Respiratory sys	stology"	42/11 52/11 Page 6 of	42 performance of
1/2°	blood.	Dissociation of oxyhemoglobin.	LO3	completing test	performance of
	Filosogies Mix 2 2 Xus	Transport of carbon dioxide.	egn. Kr	tasks, solving situational	test tasks, assessment of the
K	34 W. W. S. S. Mit 17 3	THE 49.80 - 911. 1 SHE THE	10. 5.691 MIX	problems.	solution of situational tasks
22.	The physiology of SIWT/SIW	The influence of the	LO4 1/7	Preparation and	A checklist for
900.	2 5 0. 80.	hypothalamus on the activity of	LO5	protection of	evaluating SIW
9.	Influence on the respiratory center of various departments	the respiratory center.  Regulation of respiration by the	1. 5.	presentations.	Mg. Egn. 1
20.	of the central nervous system.		Kr S SKILL	SON IN	Ex War Egn.
ik),	SIW tasks:	With It state good	Si	Wa. Egg Kr	24, Wa. 311.
E/C	Describe the effect of the central nervous system	cerebral hemispheres.	of the	kug egni, ya egnika	1 st 20.
1	departments on the respiratory	Sec. Mix S. Killer	edu.k	skilla es edu	Tr 3/1 /3/
1	center	The son the sky	$\sim$ $\sim$ $\sim$	St. 30.	
7	Anatomy.  Lecture 3 Morphofunctional	The structure, topography, and functions of the lungs. The	LOID IN	· · ·	Feedback (security
1	characteristics of the lungs	structure of the broncho-	St 20. 3	Overview of Skilling.	(security questions)
60°	11/4 3, Wy 800 A	alveolar tree.	SKI, 20.	W. 1 K	1. 0.00
10.	Anatomy. Practical lesson 4.	The external and internal	LO1, 3	work in small	oral survey,
100.	Lungs. The structure, lobes, segments, and gates of the	structure of the lungs, segmental structure. Topography of the	LO2, LO3	groups with anatomical	assessment sheet for solving
SK	lung 1	lung gates.	777.	preparations, torso,	situational tasks,
St	lung.		er mit	dummies, posters,	assessment sheet
1	skugiegniky skur	Kug egniky ekug	Sec. With	on the interactive panel "Pirogov"	for completing test tasks
. 1	SKI 20.0 811.1 1	Thur Sien Mith 2	Wo Bor 14	and/or solving test	test tasks
2011.1	1 ×1 3.0 W.F.	s rue so its s	ing, egn.	and situational tasks	
edi'	Anatomy. SIWT/SIW 3. Clinical anatomical guidelines	Clinical anatomical guidelines for puncture of the pleural		- Preparation and protection of the	Oral interview. Assessment
Ug.	for puncture of the pleural	cavity.	LOS KIND	protection of the presentation	sheets for all forms of
CO. CO.	for puncture of the pleural cavity. SIW Assignments: 1. List the anatomical landmarks of the chest used for puncture of the pleural cavity.	ilkr ex Wg. 890	K 84 X	presentation String.	forms of
Killo	cavity. SIW Assignments:	of the sky was a	yith sky	10° 911', 11	forms of completed assignments.
2,	1. List the anatomical landmarks of the chest used for puncture of the pleural cavity	egn Kr ex war	du. 12	SKI, 30.6 417.4	assignments
1 5	puncture of the pleural cavity.	for puncture of the pleural cavity.	N. 900.	sking sking ednik	completed assignments.
X.	2. Based on the clinical	40. 9n. 15 sky	10. M.K.		egniky eku,
V	situation, determine the optimal location for	8° 8° 1	edn, dasqui	F 1 S Willio	60, 11/4, 2
07		SK1, 50, 801.1.	Thur Son	11/4 2, MU	6
00	and justify your choice based	cavity.  Skind addition of the present of the prese	3 4500	so "I'Kh ek	Fugisaniky skug
000	Anothray S	Pleura, pleural sinuses.	101 1	0 11 6	Feedback (security
il.	Anatomy.  Lecture 4. Morphofunctional characteristics of the pleura	Pleura, pleural sinuses. Topography of the pleura and lungs	15	Overview	(security
(-6)	characteristics of the pictra.		N P S	. S. S.	questions)
, 2	Anatomy. Practical lesson 5. Pleura, pleural sinuses.	The pleura. Sinuses of the pleura. The boundaries of the	LO1, 2 LO2,	work in small groups with	oral survey, assessment sheet
	Topography of the pleura and		OT 02-0	anatomical	for solving
7.KJ	lungs		-/	preparations, torso,	situational tasks,
11.	S. Tho egg its	St 30.		dummies, posters, on the interactive	assessment sheet for completing
697.	TAN SK WS. SQN KI	34 No. 3911. 12	SKIII SO.	Pirogov panel	<b>O</b>
	7 15 34 Way 397.	K1 8K, VS. MIL	1 st 10	and/or solving test	testiasks
Y CO	lungs the sking edukt s	Ashrus as a morphofunctional	1 34 3KUS	and situational	test tasks
4.	Histology: 1 Sking edu. k		LO1, 2	tasks Small group work,	
Str	Histology: 1 Sking ed all. K	W. A William Control	70. 1 S	All Sical Work,	5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
	Histology.	Acinus as a morphofunctional	EOI, 1 2 S	Small group work,	Practical Jesson
J.KI	8×1, 29.6 ×11.4 1	Kug'eg sqn'y 3' skur	's ec equita	St. Ma.	Spring Struck
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# ONTÚSTIK-OAZAOSTAN MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ ONTÚSTIK-OAZÁOSTAN



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). S	7.	«Оңтүстік Қазақстан медици Г	на академиясы» АҚ Department of "Morphophysiolo	АО «Южно-Каз	вахстанс	жая медицинская акадо	EMNAS, U. N. KANME
KINIO	δ <sub>ζ</sub>	Departme	ent of "Topographic anatomy ar of the discipline "Respiratory	nd histology"	mal"	52/11 Page,7 of	42 evaluation
SE SE	150	Practical lesson #3 Theme: Respiratory department.	unit of the lung. Structural components of the acinus. The	LO2, e LO3	J. 5	histopreparations,	evaluation checklist.
A	o`	Acinus of the lung.	structure of the alveolar wall. Types of pneumocytes,	Kus, segi	711/2	micrographs	Mik & Skill
)).	1	Physiology of SIWT/SIW 3	their histofunctional characteristics.  The role of respiratory	LO4	1/70	Preparation and	A checklist for
(O. )	91)	The role of chemoreceptors and mechanoreceptors of	regulation mechanoreceptors. The reflexes of Goering and	LOS	ilig.	protection of presentations.	evaluating SIW.
Hillo.	Ø.	respiratory regulation. SIW Assignments:	Breuer. The role of chemoreceptors in respiratory	24111112	Skillie		SKIND ROBERTY
1	. A.Z.	Schematically depict the regulation of respiration with the participation of chemo- and	regulation. Arterial and central chemoreceptors.		r c	kug'er enryk	Ky sky skys.
1	2.	mechanoreceptors (arrow diagram).	24. Vo. 911. V	CHU,O DEC	777.	1 sk kno.	
9	KI.	Anatomy. Practical lesson 6. Mediastinum: classification.	The mediastinum. Classification of the mediastinum. Topograp	ohy LO2,	2	work in small groups with	oral survey, assessment sheet
10.	2010	Respiratory muscles: anatomy of the diaphragm and auxiliary respiratory muscles	of mediastinal organs. Anatomical structure of the diaphragm, external and	LO3	KUG.	anatomical preparations, torso, dummies, posters,	for solving situational tasks, assessment sheet
Skillo	10	So Fr S. Via	internal intercostal muscles, auxiliary respiratory muscles	edu. 111.KI	SKI!	on the interactive panel "Pirogov"	for completing test tasks
1	· St	na. edu. XV. K. skriva.e	(sternocleidomastoid, stair, abdominal muscles, etc.)	Wa egni	A.	and/or solving test and situational	Kr 2kus
11/2	1	Physiology. Practical lesson 4 Regulation of breathing.	Regulation of breathing. The respiratory center. The role of	LO1, LO2,	2	discussing the main issues of the topic,	Oral interview, assessment of the
Edil E	Y.	1 strice 2. oct 11.Kr	chemo and mechanoreceptors	in E03	9. 8	tasks, solving	performance of test tasks,
S. A.	.eg)	Anatomy. SIWT/SIW 4. Topography of the trachea and bronchi; clinical significance in	respiratory regulation.	J.K. 12	SKUS	situational problems.	assessment of the solution of situational tasks
34	IUS	Anatomy. SIWT/SIW 4.	Tracheal and bronchial	LO4	1/6	- Preparation and protection of the	Oral interview. Assessment
EL.	9	bronchi: clinical significance in aspiration and bronchoscopy.		A. 19. 6917.	11.12	presentation	chapte for all
egi). 1		SIW Assignments:  1. Name the main anatomical and topographic features of the	topography: clinical significant in aspiration and bronchoscop	y, y	egn	the skind of	completed assignments.
SO	7.1	trachea and the main bronchi.  2. Analyze the location of the	Ky skywysegrynik	1 34	10.	raedu.kl skrig	20. 90. 11
THO .	>. S	trachea and bronchi and determine the safe path of the bronchoscope during	KY skinder skinder	10. 1X	SKU.	Small grown work	ema edu. Kna edu. K
S	4 6 "	diagnostic bronchoscopy.	The aerogematic barrier and it	£01	<del>(</del>	Small group work,	Practical lesson
K H	j.	Histology. Practical lesson 4 Theme: Aerogematic barrier. The	significance in gas exchange. Lung macrophages. Blood	LO2, LO3	edu.Kl	checklist of	evaluation
, 97.X	1	pleura.	supply and innervation of the	of Skind		micrographs	~O. /Lr &.
ALLO ES	717.	Anatomy. SIWT/SIW 5	the respiratory system. The pleura.	1		. 77). \	o. edn. v
	O.	Anatomy. SIWT/SIW 5 Border control 2.	Consolidation of the complete material on the topics of lectures, practical exercises,	LO5	Skill of	Written response to tickets (situational tasks)	MK assessment Checklist
l st	Skin	Anatomy. SIWT/SIW 5 Border control 2.	lectures, practical exercises,	ekug eding	KI S	tasks)	Checklist A. Skinge
11.12	-)	sky woo egnik Kr ex	Ekugishirky seku	skug enriged	Sylv Ky	Ky skug'son squy	BUILTY SKILL
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20	Department of "Morphophysi	
tu,	Department of "Topographic anatomy Work study program of the discipline "Respirate	
<u>.</u>	SIW Assignments: exercises and deadlines.	Sty 53 50 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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,	Solve the clinical problem by analyzing the anatomical and	E Mar of the Mar of the Mar of
7.	histological structures,	34 40. 911. 1 341. 06 Mit 1 All
>,	physiological processes of the	1 34 20 82 1 1 34 1 2 0 WIFE 1
0	organs of the respiratory system involved in the	1 340 00 Mit 1 340 00 Mit
0.	development of the presented	n. 1 sky se nik 1 sky seg "it
10	clinical situation,	21 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -
L	Interim assessment hours	12 hours
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1	9. Методы обучения и оценивания	The second of th

	Inte	erim asse	ssment hours	if i	VILLO	12 hours	9, 100, 90	F 84 3	3.
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	9.1	Lecture	es with a	Fills 560	Introductory lecture, review, feedback (security questions)				
8	9.2	Practic	al exercises	KUIO	Work in	small groups with	anatomical prepa	rations, torso,	1
0					dummie	s, posters, on the in	teractive panel "F	Pirogov" and / or	77.
0	,eu 11)	Fr .	skur skug'sqn'y	1 5	solving	test and situational	tasks.	J 3/1 3.0	77)
100	SO	"I'KL	Skuly skuly so squik	Kr 3	Discussi	ing the main issues situational tasks.	of the topic, com	oleting test tasks,	0.
	Mo 6	ion 'A	J 34 20. 00	N. KI		roup work, checklis	t of histopreparat	ions micrographs	
9	9.3	SIWT/	SIW	90, K		tion and protection			1 dio
	SK	10.	SIW SHIND	9. 911.	Execution	on of the scheme of			3
4	1 3K	lg. Mg.	SIM SKU	%. ×	outflow.		Mr. 2	Wo GOT KY	SK
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6	9.4		n control	KING	Written	response to tickets	(situational tasks)	CK. Was any	1
O)	10.		ation criteria	5	3 690	- W41 - 11 - 11 (	Co. 90, 1	SK. VO.	30.
ļ	10.1	· .	ria for evaluating the Name of learning	learning ( Unsatisfa	octory	Satisfactory	e Well	Great	40
5	ec	LO LO	outcomes	Unsaust	ictor y	Sausiactory	SKI, MEIR	Great	. O.
	riug.	LO1	Demonstrates	He canno	t St	Knows the	Confidently	Clearly and	
¢	on Mo	eg,	knowledge of the	explain th		tasks of the	names tasks,	argumentatively	rillio
	St.	No.	subject and tasks	of the disc		disciplines, but	shows a	explains the	6
1	1 8	20	of anatomy,	and their	N	explains them	general	subject, tasks	5
>.[	1	SKI	histology and	significan	7//	incompletely	understandin	and their	T.
	30.	K	physiology, their	medicine.	80,	and with errors	0 ()	importance for	1
9	edult	.1	importance for	1 S. M.	in eq.	Kr St	importance	medicine.	90.
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-	KUIC	60.	understands the	recognize	ol and	with difficulty,	structures,	identifies structures and	die o
	2, 140	, eg	structural features of the heart, blood	hietologia	n and	inaccuracies in	describes them with	accurately	KU
	St	Wg.	vessels and other	ctructures	41	the description	minor errore	describes their	5
	F 3	Skills	elements of the	Stractures	977	the descriptions	minor errors	features	6
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	90. 1		system. It is able to	Kills	000	Mit S. Mile	eor 'X	er wa. og	1
> <sup>8</sup>	411.15	1	describe the	1. 345	Un SC	ST.	Wa. Egg. A	1 34 70.	917.
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4	Kr skugis	segnit	of the heart, blood vessels and other elements of the cardiovascular system. It is able to describe the topography of	· · · · · ·	SI	with difficulty, makes inaccuracies in the description	Shug edn'k skug e	Taedu.KI skrigedi.	
)	KING	60°	The stands.	egn Kr	St	Ma. Squ. K	r sky vo.	N. T. N	Fills
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# ONTÚSTIK-OAZAOSTAN MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ

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rillio	60,	· Kr	Department of	"Topographic anatomy	y and histology"	5	2/11 2/11 age 9 of 42	60. 11/K
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9	1	SKI	processes in the	physiological	superficially	incomplete	the physiology	Kr a
(O.)	917. A	1 4	heart, regulation of	processes and	Mike S. KW	explanation	and mechanisms	1
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3	W. 50.	477.	the mechanism of	Egnikh Kr eku	g eg Kr	St. 100.	9n. Kr 3k	20.
1	Skugi	W. 5	the large and small circulatory system.	60, "IKA 2,	Kus eqn'y	1 84 W.S.	201. Y 3	40.
.1	. KY	LO4	He is able to apply	Does not know	He knows the	Confidently	Independently	Sky.
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, X	Y. I.	S. Ku	research methods	cannot explain	he can't put	methods, but	explains their	.4
260	WAL	5	for various human	their principle	them into	needs to be	- A	W.F.
10	60, "I	Kr	structures and	SK, Wa.	practice.	adjusted	1 4/1 20	101.Kr
المراد	TUS GIT	K	functions, widely	K 34 20.	egniki s	1	meaning of the state of the sta	3.6971.KJ
5	Mg.	300	used in practical	7.KJ SKUS	3. 8V. 1	sking's gedi	911.KT 8KL	60-
9	/ (V.	LO5	medicine.	Does not	Partially		So the S.	Mo
Kr.	SKINO	Co.	He is able to analyze and	y. 7/), v	analyzes, but	Analyzes information,	Deeply analyzes,	SE INO
1	St	20.	communicate	understand the	makes	explaine ite	reasonably	ST
SONY	R	SKI.	information	meaning of the	mistakes in	relation to	interprets	7 8K
		SK	obtained in the		interpretation	the state of	clinical	A
Wg.	a.edu.k	1	course of practical	information received	5	the body	interprets clinical significance	80. 1
, (	8. 211)	1	skills, determines	1. 3. 18	300 11Kr 2,	sking no edu.	KJ 84, WO.	egn.
SKIN	~Ø.	117.1	its significance for	miks explo	egy Kr	ex. Mg. eg	1 3 3 X	10° 911
ě	y.e.g. and	S, 77	characterizing the	70. K SK	Us. Sy K	et Mo.	201. KJ 8K	Segniky
K.	10.2		state of the body.		Lygedrighty	A 54 M	SON IN	KU. 3
).	19.2	Hoses	sment methous and c	riteria	ck. 40. 91)	12 84	20.	KU.

## Checklist for practical training

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10.2 Assess	ment methods and criteria	The state of the state of the state of
12 st 20.	, 901, 17 Ext. 56	Mit I skup sop Mit st rule sop its sk
Checklist for pr	actical training	2. "I'm 2. "40 600 to 24 40. "90. "10. "10.
Oral response	ye on the si wa	6gg 15 8k 3. 9n. 1 3k, 3. m. 1
Form of control	Evaluation	Evaluation criteria
Oral response	Great	The student did not make any mistakes during the answer, was guided by the
D90. 1	Corresponds to the estimates:	theories, concepts and directions of the discipline under study, gave them a
2.62 771.12	A (4,0; 95-100%);	critical assessment, and also used the scientific achievements of other
The So !	A- (3,67; 90-94%)	disciplines.
26 Wa. 90	1 3 3 30. W.	Water State of the
St 20.	Well	The student did not make any gross mistakes during the answer, but made
1 XIII	Corresponds to the estimates:	inaccuracies and unprincipled mistakes, corrected by himself, managed to
The state of	B+(3,33; 85-89%) B (3,0; 80-84%)	systematize the program material with the help of a teacher.
Kr St	B- (2,67; 75-79%)	41. 1 sky 3:0 mit 1 ky 30 mit
2 1 St	C+ (2,33; 70-74%)	3.6 Mile 80 Mile 80 Miles 80 K
10.	Corine Que	The student made fundamental mistakes during the answer, limited himself
00 111/4	Satisfactory Corresponds to the estimates:	only to the educational literature indicated by the teacher, and had great
do co Kr	corresponds to the estimates.	only to the educational interactic indicated by the reactici, and had great
Ma. gin.	1 3/1 20. 11. 1	The seconds.
SK1. 3. 41	), 1 Au 360 Mig.	a "The control of the st. War
KUIS OF	ilita si illio soci	to 2 20. 90 to 2 20. 80. 1 the
e. Wo.	Egg Kr Ex W. Sp.	, T 34, 35, 50; T 341, 33, 27, 1 2 72
Kr 34, 20	, 9, 1 sk, w.	Mis of the St. Mis of the St.

# ONTÚSTIK-OAZAOSTAN MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ

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SOUTH KAZAKHSTAN

SOUTH KAZAKHSTAN

MEDICAL

ACADEMY

АО «Южно-Казахстанская медицинская академия»

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20.	Department of "Morphophysiology" 42/11 Department of "Topographic anatomy and histology" 52/11	du.K
KI,	Work study program of the discipline "Respiratory system in normal"  Page 10 of 42	edu.
SK	C (2,0; 65-69%) difficulty in systematizing the material.	V3. 59
レ	C- (1,67; 60-64%) D+ (1,33; 55-59%)	Ma.
X	D-(1,0;50-54%)	St. W.
70.	Unsatisfactory The student made gross mistakes during the answer, did not study the main	SK
9/	FX (0.5; 25-49%) literature on the topic of the lesson, and failed to use scientific terminology in	KI G
Ø.	F (0;0-24%) histology and physiology.	3.
~	Checklist for evaluating work in small groups	10 K
100	Evaluation criteria for the description of anatomical preparations	SO 'Y
5	Full name of the student	, 900
\ \	No Critorio for avaluating state Creat Walls IIdayl Pailura	2.

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	77.	F (0,0-24%)		ina physiology.	10 000 KI	St 29.	95	
9		r evaluating work in small group		h 1 gh	Fug. Segn.	1 ax		XV1.1
	Evaluation e	riteria for the description of anat	tomical preparation	ons	KU. 5.60 11)	The state of the s		So 'A
ے	Full name of	the student	1 4	100 111/4	S. My BOY	Kr St	20	. 690.
-	No	Criteria for evaluating steps	Great	Well	Udovl	Failure		20.
	steps	1, 1/2, 2, 1/2,0 600	90-100	70-89	50-69	0-49	X	(). O
	S. Mar	Egg KJ Ek. Va.	He gave a clear	I gave a fairly	I partially	I couldn't	9	11/100
-	SK. 2	3. 80. 1 8×1 3	and	complete	completed the	complete the		SK
	1 24	. See Mik 1 2 Muc	comprehensive	answer, but I	task: I was	task: I couldn't	1	· ck
	Kr S.	THE BOY KIN SH	answer,	was confused in	confused in the	name the	1.	4.
·	K	3, 70. 30, 17 3,	correctly named	terminology; 1	answer, I did not	anatomical		Fr
	20. 1	SKI, SJ. MI.	the organs in Latin and	made minor	provide the full	structures	00	2
	201.10	1. 4111 60 11/4	Greek.	inaccuracies	names of anatomical	1 st 20		90.
	60	in si Wo age Ki	GIECK	30° 12	structures.	in the state of	0	(0)
	War offer	KJ 8K. 20. 9/1.	I cki	2. W. 1	structures.	With S.	10,0	Sor
×	1.	The student recognizes the	18-20	14-17,8	10-13,8	0-9,8		· V. O.
	KII. D.	organ, gives its name in Latin,	S.	"Wo Edg	Kr SK VO.	890 KI	6	F. 30.
	3 Lillo	and, if necessary, in Greek.	690 1	34. Vs. 91	· 12 ak	-D. 701.		KU
V	2. 5	The student describes the	18-20	14-17,8	10-13,8	0-9,8		8.
	IN SK	holotopy of the organ using	0.80 Mile	1 Kills	SO 1/4 2,	Mo ode	K	1 5
	). 1. ·	professional terminology	Mic Cor 1	Er 26	. 90. 1	St. 3. 9.	9.	1
_	3.	The student describes the	18-20	14-17,8	10-13,8	0-9,8	۸	1.1
	OUR KI	skeletotopy of the organ using	SK. SS.	XV. 1 X	U. 560 11/4.	1 5 1400	0	KI
3	1 200	professional terminology	(10.20)	14 17 0	10 12 0	000	Ŋ.,	Sign.
	4. 6	The student describes the	18-20	14-17,8	10-13,8	0-9,8		D. 10
	We or	organ's syntopy using	Kr Sk.	3. 90. 1	ek. 3.	10.	5	00
6	5	professional terminology  Describes the anatomical	18-20	14-17,8	10-13,8	0-9.8	7	"Wice
	3.4	structure of the organ.	10-20	14717,0	10-13,0 5	0-3,0	9	J. 30
	16/11	structure of the organ.	OD KIN	2, 20. 9	" I at	3. 10.	h.	K

The maximum score is 100. Total points Teacher's

## Checklist for evaluating a practical lesson in histology

70.	1	84, 53. 4n. 1 841.	9. 77. V	KILLO G	2 th 8	Mo Egg	A 24
2	10.	a series of the	Fills 60 "I'A	S. Mo	egg Kr	Sk. Wa. Syn	1
9. 0.	Checkl	ist for evaluating a practical lesson i	n histology	Kr Sk K	13. 990, 17	SK JO.	00.
	6, ,	Evaluation criteria	St. Wy.	2 A SK	vals all.	L 6/10	in Mile
5	No.	Evaluation criteria	1 54 00.	Lev	C. O. M	A KAN	00.
5	743	890 KJ 84 W.S. 891.	Great	Great	Great	Great	4,00
	K. 3	in all it skill so	1. 1. KU	Sec. Milke	1 S. Million	ed Kr s	Mg.
1	154	Answers the questions of the	40	28	20	0 000 1	St. Vs
	1 2	individual test according to the	ec into s	"War Egg.	KI SK	NO. 301. X	SKI
		program "Quizizz"	0, 00, 1	ex. Co.	90. The ex	7, 00, 77,	1/2
	2/5/	Answers questions from an oral survey (small groups)	200. 601.	14 skill ma.	10	SKILL SOLO SI	S. C.
0	3 , 1).	Fills in the tables	20	14 5	10 80 1	0 %	111.1
10.	420	Performs situational tasks	9 200	14 1	10	01 45	10 77 J.
		Total:	100	70	50		60.
9	Mg.	890. KJ 84, 55. 90	12 240	y. 97).	S KILLS SO	Kr S.	Mo. og
	SK.	8. 87. 1 Ext. 3.00	11. KIN	so "I'th	S. Mo.	egr Kr e	L. 30.
1	C/KI	2.0 M. 1. Mile 2.0	So like S.	"Wo egg	Kr 24. V3	3. 690. 12	SK, X
1	4.	Kur 60 11/4 S. Wo	Egy Kr c	of Mar. Spi	12 SK	V3. 977.	KIL
1	Fr	6, 70, 90, 11 ex.	-D. 70. 1.	1/1, 00	(1)	16. O. 1	9

# ONTÚSTIK-OAZAOSTAN MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ ONTÚSTIK-OAZÁOSTAN MEDIETAKA



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skugigedniky	ONTUSTIK-QAZAQST/ MEDISIN AKADEMIA Стан медицина академиясы» А	K Skura's sinik s skura's chiki s skura's
K sk kna. sedi	ONTÚŠTIK-OAZÁOSTA MEDISIN AKADEMIA:	SOUTH КАZАКНЯТАЙ  MEDICAL  ACADEMY  AC «Южно-Казахстанская медицинская академия»  Orthophysiology!  42/11
«Оңтүстік Қазақ	стан медицина академиясы» А	
8 801. Kr Skur	Department of "Topograph	nic anatomy and histology" 52/11
		e "Respiratory system in normal" Page 11 of 42
Solving situational p		THE STATE OF THE S
Form	Evaluation	Evaluation criteria de la company de la comp
of control	5. 160 50	A 2 % 9 1 4 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Solving situational	Great S	He actively participated in solving situational problems,
problems	Corresponds to the estimates:	showed original thinking, showed deep knowledge of the material, and used scientific achievements of other
SULKY SKILDS	A (4,0; 95-100%);	disciplines in the discussion.
80° 1 16° 16° 16° 16° 16° 16° 16° 16° 16°		disciplines thrule discussion.
1 10 16	A- (3,01, 30-2470)	4,0 60, 14, 22 40. 90, 1 34, 20. 91.
Ser With S	W 011	He actively participated in the work, showed knowledge of
We so Ith	Corresponds to the	the material, made unprincipled inaccuracies or errors
Skug'edn'ky edn'k	estimates:	corrected by the student himself.
ex 20. 90.	B+ (3,33; 85-89%)	1.K1 skuig egrafikt skuig egn (41.K1 skuig
CK1, 50. 411.	B+ (3,33; 85-89%) B (3,0; 80-84%)	7. 2. "40 80, To 32 40. 89, 1 24
sking edu. ku a edu. k	B- (2,67; 75-79%)	corrected by the student himself.
The s. Mus 6	C+ (2,33; 70-74%)	30, th 21, 30, 80, 17 St. 40, 10, 11
1 1 ch - 0.	Satisfactory	YY71 1 2 1 1 1 1 1 1.
Ch.	Corresponds to the	inaccuracies and fundamental mistakes and had great
	estimates:	When working in a group, he was passive, made inaccuracies and fundamental mistakes, and had great difficulty organizing the material.
kug'es enry enry	C (2,0; 65-69%)	difficulty organizing the material.
the sec lite	C- (1,67; 60-64%)	1. Skura skura squikt s. Skura squis quikt 1. Skura squikt 1.
"Wio Egy Kr	D± (1.33:55-50%)	1 3k, 20, 8p., 1 3kg, 36, 8p., 1 1 1 1 1 1 1
ex va. egn	D (1.0.50.54%)	1. V 540. 3'62 "714 1 FUL '80 "114 1 2 "W
N.K. Skug's skug	11 25	7/4 2 th 8, 40 cg, 11 24.
is the second	Unsatisfactory	He did not participate in the group's work, answering the
Mit of the of	FX (0.5; 25-49%)	teacher's questions, made fundamental mistakes and
S. SHIN SKUSS	F (0; 0-24%)	inaccuracies, and did not use scientific terminology in his
ogn Kr ex	(3. 39), KI 3K)	answers.
8. 1. 1. H		"41, 80 Th 2. "40, 80, 1th 24 13. 19.

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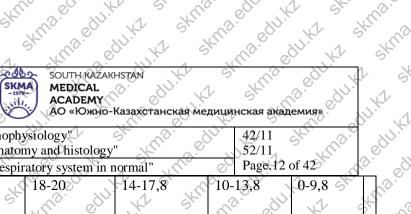
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*	FX (0.5; 25-49%) teacher's questions, made fundamental mistakes and	1
0	F (0, 0-24%) inaccuracies, and did not use scientific terminology in his	7.7
100	answers. All skilling of the s	917.Kr
150	Criteria for assessing practical skills acquisition	7. YI
5	ill name of the student	. S.
1	№ п/п   Criteria for evaluating steps   Level	Fills of
X	Great 90-100 Well 70-89 Satisfactor y 50-69 Failed 0-49	Killio
1	90-100 70-89 y 0-49 0-49	1 1
ego		V 5
0	1. The correct location of the organ on the 18-20 14-17,8 10-13,8 0-9,8	Mit.
Mg.	torso, skeleton and on a living person	701.KJ
15	2. The student must give the full name of the 18-20 14-17,8 10-13,8 0-9,8	S
5	organ and describe its general structure.	. VS. 60
4.	The student must name the structural 18-20 14-17,8 10-13,8 0-9,8	KIL
1/th	elements of this organ.	Y'U'
, V	4. After listing the structural elements of the 18-20 14-17,8 10-13,8 0-9,8	5° 1, 2
80.	organ, the student must show it on posters,	, , ,
b. 6	tablets and give a description of it.	10/K/
KILIO	Egg Mig 2 Rus. Egg, It 34 Way Egn. to 34 Lois Mig 1 Ether 35	10 VO 14
14.5	skug'sqniky si skug'sqng'sqniky skug'sqniky skug'sqniky skug'sqniky skug'sqniky skug'sqniky skug's	Ja. Mais
1 2	rug's enigen eniku sekug's kug's eniku seniku sekug's eniku senig eniku sekug's eniku senig eniku ku	", " S
V	2, W. O. O. A. Sp. W. Sp. 17 Sp. 35, 17, 18, 50, 17, 18, 36, 17, 18, 36, 17, 18, 38, 38, 38, 38, 38, 38, 38, 38, 38, 3	Mo
R	34 20. 97. V 34, 35, 11/2 V ALL SON 11/4 2, "His Oak The	ST R
77.	1 skugieg eniky z skugiegiegiiky s skugiegiegiiky skugiegiiky skugiegiiky skugiegiiky skugiegiiky sku	SKI

# J.K. SKITIOLE skna.edu. Ekua elu.k ONTÚSTIK-OAZÁOSTAN MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ



Department of "Morphophysiology" Department of "Topographic anatomy and histology" Work study program of the discipline "Respiratory system in normal"

During the description of the organ and its structural elements, the student should tell about the age characteristics of the organ.

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	ictural elements, the student should	
abo	out the age characteristics of the orga	mit 2 st tug. on it st was an it stands
The maximur	n score is 100. Total points	Teacher's signature
- 12 X	The Sign Mith St. May.	Egg. 14 24 140. Egg. 15 15 15 15 15 15 15 15 15 15 15 15 15
Checklist for	evaluating work in small groups	
GO, Kr	Great A A A	The students, allocated to a small group, actively participated in the
Working in	Corresponds to the estimates:	fully correctly answered questions during the discussion.
small	A (4,0; 95-100%);	1. "Un on the 24 No. " " The To Sh. " Sh.
groups	A- (3,67; 90-94%)	24 3. M. 1 34. 3. M. 1 M. 38
Ma. og	Well Sky 20. 30.	The students assigned to the subgroup actively participated in the di
St. 20.	Corresponds to the estimates:	problem by making mistakes that were corrected by the students of
Kill.	B+ (3,33; 85-89%)	1. 21 42 84 43 84 43. 91. 17 84.
1 3 Mills	B (3,0; 80-84%)	1 1 3 20. 20. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Kr St	B- (2,67; 75-79%)	811. 1 sty 3:6 Mile 1 style 60 11/4 2.
P I d	C+ (2,33; 70-74%)	So My So My So My
10.	Satisfactory	The students assigned to the subgroup actively participated in the di
So Milit	Corresponds to the estimates:	problem by making mistakes that were corrected by the students of
60. X	C (2,0; 65-69%)	discussion of the main issues of the topic, during the discussion they
40. Sp.	C-(1,67; 60-64%)	the subgroup themselves
W 20. 5	D+ (1,33; 55-59%)	The soliton si was son to st. ws.
The second	D- (1,0; 50-54%)	the strugge of the species of the species of
SILMO	Unsatisfactory	They could not find the correct answers to the main questions of the
1 St 1	FX (0.5; 25-49%)	use scientific terminology when answering.
Fr sk	F (0; 0-24%)	With the south of the state of the state of

Presentation protection

٠.	% 1 K	/	resentation protection	0 /TV
0	Form	Evaluation	Evaluation criteria	2 471.
10,	of control	of war agr. 17	34 05 91. 1 The similar	80
	43. Sgr KJ	ek, 30. 911.	The student prepared a presentation on the topic at the appointed	Jo 600
è	Ekug'eqr'eqn'k	Great	time, independently, accurately, with at least 20 concise and	20.
,	Skugi Segn. 411,	Corresponds	informative slides, using at least 5 literary sources and having a	SK1, 30
	S MUC BOY	to the points:	detailed plan, provided diagrams, tables and drawings	KUI
1	Presentation	A (4.0; 95-100%)	corresponding to the topic, demonstrated deep knowledge of the	5,
<i>&gt;</i>	protection	A- (3,67; 90-94%)	topic during the defense and accurately answered all the	F 5
2	1). Proceedion	50 M/K 2 M	questions asked.	, 1
\ (d)	111.1	Well	The student prepared a presentation on the topic at the appointed	10.1
	80, Kr 26	Corresponds	time, independently, accurately, with at least 20 concise and	Sp. Tr
0	D. 690, KJ	to the points:	informative slides, using at least 5 literary sources and having a	ege
t.	Kugiegniiky	B+ (3.33; 85-89%)	detailed plan, provided diagrams, tables and drawings	40. 9
	KU, 0'60 11/4.	B (3,0; 80-84%)	corresponding to the topic, demonstrated good knowledge of the	5
, ľ	kugiegniky	B- (2,67; 75-79%)	topic during the defense, made non-fundamental mistakes when	Kille
	1 Skugiegniegniky	C+ (2,33; 70-74%)	answering questions.	2. 11/1/10
N	1 st so.	Satisfactory	The student prepared a presentation on the topic at the appointed	St
1).	1 2 GKI 2.	Corresponds	time, independently, but carelessly, with a volume of at least 20	1 c
	mky exus.	to points:	non-informative slides, using less than 5 literary sources and the	5
0	D. Kr S.	C (2.0; 65-69%)	presence of an undeveloped plan, cited an insufficient number of	111/4
0	90 KJ 8K	C-(1,67; 60-64%)	diagrams, tables and drawings corresponding to the topic,	CO. T.
	(a. 9/1). 11	D+ (1,0; 50-54%)	answered questions uncertainly during the defense, made	7. 690
1/7	20. 20. 1.	CO F		_\@. \
	The So With	S. Mos son	THY SKULY SHULY SHULY SKULY SKULY SKULY SKULY SE	tu. 50
	S. Mo. Syr	Kr 2 8 KW W W SO 391	2. T 34, 50, 87, T 341, 56, 1714, 1	KING
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	ky skugish squik	AU. 1. KITTE	or "it s. "Up 60, "to 34 40. "An 7	1 sk
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SKUGS



fundamental mistakes

MEDICAL

АО «Южно-Казахстанская медицинская академия»

Department of "Morphophysiology" Department of "Topographic anatomy and histology" Page 13 of 42

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Work study program of the discipline "Respiratory system in normal skna edu k

The student did not prepare a presentation on the topic at the appointed time, or prepared it at Unsatisfactory Corresponds to FX score (0.5; 25-49%) F (0; 0-24 %)

the appointed time, but not thoroughly, carelessly, with less than 20 non-informative slides, without specifying literary sources, in the absence of a plan, made gross mistakes when answering questions or could not answer questions and did not defend the presentation on the topic.

Checklist for evaluation of SIW in histology

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8.	Evaluation criteria	Level	3 14	60	K
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1	ski was egn. to ski vase griff it struc	at	7.Kr.	isfi	ure
W.X	34 Mais Spr. 14 spr. Ware Sprie 17 st	79. OC	901/	eď	Fillion S.
201	Assessment of the protection of histological micro-	40	28	20	0 1
9 - 4	instance of the Proceedings of the Procedure of the Proce	5			
601	preparations	S. Kill	Segre	WK	St
2		40 5411	28	20	0 5
2 3 0	preparations	40	28	20	0 5

Preparation and protection of histological micro-preparations and micrographs

\ . '	1 121	tion of mistological inicro-preparat	
300	Form	Evaluation	Evaluation criteria
N N	Form of control	Evaluation (No. 1)	Evaluation criteria
S)	1. 1. 2. "U.	60, Kr 24 3	1 29 T 36 35 M. T FR. 36 M. 4
US.	Preparation of the	Отлично	Студент подготовил презентацию из 3 микропрепаратов и 3
20	presentation of	Соответствует оценкам:	микрофотографии по теме в назначенный срок
120	histological micro-	A (40) 05 100%)	самостоятельно, аккуратно, объемом не менее 6
5	preparations and	A-(3,67; 90-94%)	содержательных таблиц, с использованием не менее 5
6	micrographs		
.1	4 02	THE SO IT	привел схемы, таблицы и рисунки, соответствующие теме, при
/Fr	S. Millio Bor	Kr 26. 39.	защите продемонстрировал глубокие знания по теме и
1	St. 20. 39	NIK SKUS. SKUS. SOUNDERLINE	безошибочно ответил на все заданные вопросы.
90	and its projection.	1. 25	
0	J.F. 1 SKING	Хорошо	Студент подготовил презентацию из 3 микропрепараты и 3
r &C	Kr 25 V	Соответствует оценкам:	микрофотографии по теме в назначенный срок, самостоятельно, аккуратно, объемом не менее 6 содержательных таблиц, с использованием не менее 5
00.	Kug g sqn yn ky	B+ (3,33; 85-89%);	самостоятельно, аккуратно, объемом не менее 6
	3. 77.	B(3,0; 80-84%);	
SKY	SO I'KIN G	B- (2,67; 75-79%);	литературных источников и наличием развернутого плана,
5	kus egn. 1	C+ (2,33; 70-74%);	привел схемы, таблицы и рисунки, соответствующие теме, при
, 6	H. 3. M.	1 Kill all Williams	защите продемонстрировал хорошие знания по теме, при
		s ille ede A	ответе на вопросы допустил не принципиальные ощибки.
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	KILL	60	Departn	nent of "M	orphop	hysiology"	St	20	. 9/	<i>&gt;</i> .	42/11	SK.	
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W	rk ctud	nrogran	of the	discipline	"Poen	iratory exete	m in norr	nal"	0	0	Page 14	of 420	-

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7.	Work st	tudy program of the discipline	"Respiratory system in normal" Page 14 of 42
SK	Ma. San. KI	Удовлетворительно	Студент подготовил презентацию из 3 микропрепараты и 3
V	Skur skur sasem	Соответствует оценкам:	микрофотографии по теме в назначенный срок,
1	CKI D. W	C (2,0; 65-69%);	самостоятельно, но неаккуратно, объемом не менее 6
N.F.	1 sking as	C- (1,67; 60-64%); D+ (1,0; 50-54%);	содержательных таблиц, с использованием менее 5 литературных источников и наличием неразвернутого плана,
		D (1.0.50.540/	привел недостаточное количество схем, таблиц и рисунков,
9/	12 st 20.	D-(1,0,50-5470)	соответствующих теме, при защите неуверенно ответил на
٥·	gniky skus.	Sign Miles	вопросы, допустил принципиальные ощибки.
(	So With S. M.	in out the se	genpoent, denyemi nipitalimania emperi.
KUO	ear like sk	Неудовлетворительно	Студент не подготовил презентацию из 3 микропрепараты и 3
o` ,	ekus edn. Vasanik	Соответствует оценке	микрофотографии по теме в назначенный срок, или подготовил
5	20. 90. 1	FX (0,5; 25-49%);	ее в назначенный срок, но несамостоятельно, неаккуратно,
1	CKILL D. WILL	F (0; 0-49%)	объемом менее 6 содержательных таблиц, без указания
7	S KILLS BO	Kr S. Wo. Soft	литературных источников, при отсутствии плана, при ответе на
K	et Wa. Sq.	\$ 3° 20° 80	вопросы допустил грубые ошибки или не смог ответить на
90	Ky skugiegnik	911. 15 The Second	вопросы и не защитил работу.
6	) C SKIII	5 7 1 3 10 0 C	80. 14 3. 143. 89. 47 34. 143. 143. 15
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# Check-list of midtern control

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9.	egniniky ekuraie	Check-list	of midtern control	14.10x
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9	of control	24. Co. CAN. 17	5/1, 3. M. J. M. J. S. M. J.	TUC
	Sku skug'squ'squ'k	Great	It is put in the event that the student did not make any	, Mo
4	84 20. 9p. 1	Corresponds	mistakes or inaccuracies during the answer. He is guided	SI
>.	1 3km 3. W.	to the points:	by theories, concepts and directions in the studied	5
X	J. J. Hill Sec.	A (4.0; 95-100%)	discipline and gives them a critical assessment. 90-100% completion of test tasks.	1
>. ⊗	Written ticket survey	A- (3,67; 90-94%)	00 10 00 00 00 00 00 00	J.K. 1.
,		Well (	It is put in the event that the student did not make gross	, Whi
3	tooting	Corresponds	mistakes during the answer, made unprincipled	eo.
it,	of diesting	to the points:	inaccuracies or fundamental errors corrected by the	9. 91
6	(clinical tasks) and testing	B+ (3.33; 85-89%)	student himself, managed to systematize the program	20.
1, [	Thursday with	B (3,0; 80-84%)	material with the help of the teacher. Performs test tasks by 70-89%.	KII.
	S. My GOR IK	B- (2,67; 75-79%) C+ (2,33; 70-74%)	by 70-89%.	Kille
1	St. Wa. Egg.	C+ (2,33, 10-14%)	1 341 3.0 Mit 1 4111 3.00 Mit	7 5.
20.	Tr 2/2. 40	Correctors	It is put in the event that the student made inaccuracies	V 6
2		Satisfactory Corresponds to points:	and unprincipled mistakes during the answer, limited	KI.
(O.)		to points:	himself only to the educational literature indicated by the	30.
`	segniky skus.	C (2.0; 65-69%)	teacher, experienced great difficulties in systematizing	40.
7.1	s equiting	C- (1,67; 60-64%)	the material. Performs test tasks by 50-69%.	W. 7
5	kus egniky skuis e	D+ (1,0; 50-54%)	34, 73. 97. 1 541. 3.60 My. 1 3.72	80
		et. 3. 90. 1	The significant of the significant of	Mo
1	skus edniky skus	Unsatisfactory	It is put in the event that the student made fundamental	SK. W
1,1	kusensedu.kt skusedu.kt  kusensedu.kt  skusedu.kt	Unsatisfactory Corresponds	mistakes during the answer, did not work out the main	SKI
31)	1. 1. 24th 2.80 m	to FX score	literature on the topic of the lesson; does not know how	1 8
	11. 1 2 KU10 60	(0.5: 25-49%)	to use the scientific terminology of the discipline,	.4
2	on the state of th	F (0; 0-24 %)	answers with gross stylistic and logical errors. Performs	Mith
(0)	60, Kr 24. Vs	to FX score (0.5; 25-49%) F (0; 0-24 %)	test tasks by 0-49%.	30°
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	777	dy program of the discipline "Resp	iratory system in normal"	Page 15 of 42
F	Rating according to	The digital equivalent of	Percentage content	Assessment according to the
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5	D+30	1,33	55-59	Aug ier mig s
-	P- D-	1,0	50-54	S. Wo Ede Kr St
1	FX	0,5	25-49	Unsatisfactory
		The solution of	0-24	1 1 3k 3. 9n. 1

### **Educational resources**

Electronic resources, including, but not limited to: databases, animation simulators, professional blogs, websites, other electronic reference materials (for example: video, audio, digests)

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- Электронная библиотека ЮКМА https://e-lib.skma.edu.kz/genres
- электронная библиотека (PM96) Республиканская межвузовская http://rmebrk.kz/
- Цифровая библиотека «Aknurpress» https://www.aknurpress.kz/
- Электронная библиотека «Эпиграф» http://www.elib.kz/
- Эпиграф портал мультимедийных учебников https://mbook.kz/ru/index/
- **36C IPR SMART** https://www.iprbookshop.ru/auth
- информационно-правовая система «Зан» https://zan.kz/ru
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#### OŃTÚSTIK-QAZAQSTAN SOUTH KAZAKHSTAI MEDISINA SKMA MEDICAL АО «Южно-Казахстанская медицинская академия» AKADEMIASY «Онтустік Қазақстан медицина академиясы» АҚ Department of "Morphophysiology" Department of "Topographic anatomy and histology"

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## Discipline Policy

Requirements for students:

- 1. don't be late for classes;
- 2. do not skip classes without good reason;
- 3. have anatomical gloves, tweezers and a scalpel;
- 4. Be active during practice sessions:
- 5. be able to work in a team;
- 6. timely, on schedule, perform and deliver SIW;
- 7. do not engage in extraneous activities during classes:
- 8. Be tolerant, open and friendly to fellow students and teachers;
- 9. observe ethical standards of behavior when working with anatomical preparations and organs of the human body;
- 10. take care of the property of the department;
- 11. timely work off missed classes for good reasons;
- 12. Observe safety precautions in the classroom.
- 13. During lectures / practical classes/It is forbidden for students to SIWT:
- 14. Use mobile devices/ gadgets;
- 15. leave the study room/classroom (leave the workplace at the clinical/industrial base) without the permission of the teache

#### **Dress code requirements**

The student is obliged to:

- 1.have a clean, ironed medical gown, cap/cap;
- 2. have a neat hairstyle, short-cropped nails; (for girls: bright makeup and bright nail polish are unacceptable).

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Department of "Morphophysiology"  Department of "Topographic anatomy and histology"	42/11 52/11
Work study program of the discipline "Respiratory system in normal"	Page 19 of 42

#### Penalties: X

- 1. In case of a single violation of the module policy, the student receives an oral warning from the teacher.
- 2. In case of repeated violations of the module policy, the student provides an explanatory note addressed to the head of the department.
- •3. In case of systematic violation of the discipline policy, the head of the department submits an appropriate report to the dean's office.
- A student who did not show up for the boundary control without a valid reason and received an unsatisfactory grade for one of the types of controls (MC1, MC2, TCsr) is not allowed to take the exam in the discipline; A student who did not show up for the MC for a good reason, immediately after he started classes, with the permission of the dean's office, receives a work sheet.
- For 1 pass of lectures, for a disrespectful reason, the staff score is 1.0 point and is deducted from the estimates of the boundary control.
- For 1 skip of the SIW, for no good reason, the penalty point is 2.0 points and is subtracted from the SIW estimates
- Incentive points are taken into account according to the department's policy. Reward points are added to the assessment of the boundary control. For active participation in the work of the SNK and seminars in each discipline, the student is awarded an incentive score from 5 to 10. Если обучающиеся не набирают 50% текущего рейтинга (i.e. 30 points), then they are not allowed to take the final control (exam).

Requirements for students, attendance, behavior, grading policy, punitive measures, incentive measures, etc. skna.edu.kl maedu.Kl skmaedu edu.kl skna.edu.kl

#### The student must:

- Observe medical ethics and deontology;
- No smoking at the academy;
- Keep the department clean:
- do not spoil furniture in classrooms;
- observe the appearance of a medical student;
   Follow safety regulations:
- Wear masks during the flu epidemic;
- do not skip classes without a good reason;
- to work out classes missed for a good reason in a timely manner, but only if the dean's office has access and at a time determined by the teacher;

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- Don't be late for classes;
- have the necessary documentation in the classroom: syllabus, guidelines for classes, lectures, notebook and textbook:
- prepare for classes in good faith:
- Be active during classes;
- do not engage in extraneous activities during class: do not talk, do not smoke, do not chew chewing gum, do not eat, do not use the phone, do not listen to music, do not read newspapers and magazines, do not prepare for classes in another discipline;
- Observe silence and order during breaks;
- to perform and submit SIW in a timely manner according to the schedule (in electronic form); with verification of written works for plagiarism.Штрафные меры при невыполнении разделов работы:
- if you skip lectures for no good reason, the assessment of boundary control decreases 1 point for each missed lecture;
- if you skip the SIW without a valid reason, the score for the SIW decreases − 2 points for each missed lesson; ✓
- on in case of late delivery of the DEADLINE without a valid reason (later than the specified week), the DEADLINE is not accepted:
- in case of a single violation of the discipline policy, a warning is given to the student;
- in case of systematic violation of the discipline policy, information about the student's behavior is transmitted to the dean's office of the faculty;

Criteria for non-admission to the final control

a student who has received an unsatisfactory grade for one of the types of control (boundary control 1, boundary

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control.	2, average s	grade of the c	current contro	)1) 1S not	allowed t	o take	final co	ntrol oi	the disc	ipline.

#### 13. Academic policy based on the moral and ethical values of the Academy

www.ukma.kz Regulations and Rules of YUMA JSC. Academic policy.

Paragraph 4 of the student's Code of Honor

Item 10. Organization of the educational process

Item 10. Organization of the educational process

**Final control** – students who have fully mastered the discipline program and scored an admission rating are allowed to take the exam.

The final score is calculated automatically based on the average score of the current control, the average score of the boundary controls and the final control score:

Admission rating (60%) = average score of boundary controls (20%) + average score of the current control

The average score of boundary controls = MC1 + MC2 / 2

The average score of the current control = the arithmetic mean sum of the current scores, taking into account the average score for SIW and penalty points.

Final score (100%) = MCaver  $\times 0.2 + CCaver \times 0.4 + FC \times 0.4$ 

Final score (100%)= Admission rating (60%) + Final control (40%)

### An example of calculating a student's final grade:

Penalty points:

For example, a student missed 2 lectures =  $1.0 \times 2 = 2.0$  points

For skipping 1 SIWT = 2.0 points

The arithmetic mean of the current control (practice, and the lab. classes) – 80 points SIW 1 – 75 points SIW 2 – 85 points SIWN... – the number of SIW Average score for SIW =  $\frac{75 + 85 + N...}{2 + N}$  = 80 points The average current

The average current score, taking into account SRO and penalty points:

$$CCaver* = CCaver + SIWaver - Kaver = 80 + (80 - 2,0) = 158 = 79,0$$

Admission rating (60%)=MCsr x 0.2 + CCsr x 0.4 = 84 x  $0.2 + 79.0 \times 0.4 = 16.8 + 31.6 = 48.4$  points

Final control (40%), for example, the student answered 45 questions correctly out of 50 (90%)

 $90 \times 0.4 = 36 \text{ points}$ 

- 2) MCaver x 0.2 + CCsr x 0.4 + FC x 0.4=84.0 x 0.2 + 79.0 x 0.4 + 90 x 0.4=16,8+31,6+36=84,4 points

  MKaver average assessment of midterm controls

  MK–average assessment of an account of a second controls

MK- average assessment of current control

FR assessment of the final control

MK 1 - midterm control 1

MK 2 – midterm control 2

AD – admission rating

CCaver\* is the average current score, taking into account SIW and starf points

Klek – the coefficient of skipping the latter.

Klek – the coefficient of skipping the 1st lecture ⊘

Caver – the pass rate of the 1st SIWT

### Approval and revision

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