

ОҢТҰСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		1 page out of 23

Department «**Obstetrics and gynecology**»
 Working curriculum of the discipline (Syllabus) «**Gynecology**»
 Educational program 6B10101 - «**General medicine**»

1.	General information about the Course		
1.1	Course Code: Gyn 4305-2	1.6	Academic year: 2023-2024
1.2	Course name: Gynecology	1.7	Year: 4
1.3	Prerequisites: Module “General pathology, pathology of organs and systems”	1.8	Term: 8
1.4	Post-requisites: internship in the direction of “General medical practice”	1.9	Number of credits (ECTS): 4
1.5	Cycle: MD	1.10	Component: UC
2.	Course description (maximum 50 words)		
Neuroendocrine regulation of the menstrual cycle. Methods of research in gynecology. Functional diagnostic tests. Menstrual cycle disorders. Neuroendocrine syndromes. Etiopathogenesis, classification, clinic, modern diagnostic methods and principles of treatment of gynecological diseases according to clinical protocols of the Ministry of Health of the Republic of Kazakhstan. Problems of female infertility. Assisted reproductive technologies.			
3.	Summative assessment form		
3.1	Testing	3.5	Coursework
3.2	Writing ✓	3.6	Essay
3.3	Oral	3.7	Project
3.4	OSPE/OSCE or Practical Skills Acceptance ✓	3.8	Other (specify)
4.	Discipline objectives		
Formation of competencies for the diagnosis and management of patients with gynecological diseases, provision of primary medical care and prevention of common gynecological pathologies, training in the basics of practical skills used in gynecology. To improve the communication skills of interpersonal communication and counseling of patients with gynecological pathology.			
5.		Learning outcomes (Course learning outcomes)	
CLO1	Demonstrates knowledge and understanding of the discipline and tasks of gynecology.		
CLO2	Based on the principles of evidence-based medicine, it is able to diagnose, treat, prevent complications and rehabilitate patients with gynecological diseases.		
CLO3	He is proficient in research methods, primary medical care, clinical examination and prevention of pathologies in gynecology.		
CLO4	Uses the acquired knowledge to understand the features of etiopathogenesis, clinic, and complications in gynecological practice.		
CLO5	Applies knowledge on the management of dispensary gynecological patients.		
CLO6	Can apply communication skills when interacting with patients with gynecological diseases.		
CLO7	Applies scientific principles, methods and knowledge in gynecology and research. Capable of continuous self-education and development.		
5.1	Course learning outcomes	The learning outcomes of the EP, which are related to the learning outcomes of the course	
	CLO 1	CLO 1-Demonstrates knowledge and understanding of biomedical sciences for the diagnosis, treatment, and dynamic observation of the most common	

ОҢТҰСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		2 page out of 23

		diseases of adults and children.				
	CLO 2	CLO 2-Is able to conduct outpatient admission, diagnosis, treatment, dynamic monitoring and rehabilitation of children and adults, including pregnant women, based on the principles of evidence-based medicine, determines the indications for hospitalization.				
	CLO 3 CLO4 CLO 5	CLO 3-Is able to provide emergency and emergency qualified medical care of the basic category of complexity to patients of adult and child age.				
	CLO 6	RO 6 - Effectively communicates in medical practice, taking into account the peculiarities of the psychology of children and adults, multiculturalism, observing the principles of medical ethics and deontology.				
	CLO 7	10 RO - Applies scientific principles, methods and knowledge in medical practice and research. Capable of continuous self-education and development.				
6.	Details of the course					
6.1	Location (building, auditorium): Shymkent, 60 Aldyarova str., City maternity hospital, tel. e-mail address: www.ukma.kz If you have any questions about training and / or technical support, please contact us by phone and/ or email, as indicated on the website of JSC “SKMA” in the CALL-Center section, Helpdesk on the main page of the site.					
6.2	Number of hours	Lectures	Prac.l essons	Lab.lessons	SIWT	SIW
		10	30	-	24	56
7.	Information about teachers					
№	Full name	Degrees and title	Email address	Scientific interests, etc..	Achievements	
1	Kulbayeva S.	PhD, Assoc. Professor	saltanat_phd@mail.ru	Obstetric bleeding	60 scientific publications, 2 monographs, 3 textbooks	
2	Junussova R.	Assistant	raushanjunrsova@mail.ru	Obstetric bleeding	50 scientific articles, 3 manuals	
3	Yerlanova D.	Assistant	saltanat_phd@mail.ru	Obstetric bleeding	3 scientific articles	
4	Zeyneabedyn A.	Assistant	saltanat_phd@mail.ru	Obstetric bleeding	3 scientific articles	
8.	Thematic plan					
Week/ Day	Topic name	Summary	Course learning outcomes	Num ber of hour s	Forms / methods / learning technologi es	Forms / assessment methods
1	Lecture. Methods of examination of gynecological patients.	General and special methods of gynecological examination.	CLO1 CLO2	1 h	Overview lecture	Blitz survey on the topic

ОҢТҮСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		3 page out of 23

		Laboratory, hormonal, instrumental, endoscopic methods, functional diagnostic tests.				
	Practical lesson. Regulation of the reproductive system.	Links regulation of the reproductive system. Ovarian cycle. The uterine cycle.	CLO1 CLO2	3 h	Work in small groups. Completing test tasks	Oral questioning, checking of testing tasks.
	SIWT. Consultation on the implementation of SIW 1. SIW task Menstrual irregularity. Project: "Diagnostic features of menstrual cycle disorders". Analysis of scientific articles.	Menstrual irregularity. Etiopathogenesis, clinic, diagnosis, principles of treatment and prevention.	CLO1 CLO2 CLO7	2/5h	Discussion of the topic; Work on the project: drawing up a work plan.	Checklist for evaluation of a scientific article and project. Feedback to each student according to the "Sandwich" method.
2	Lecture. Uterine bleeding of reproductive age.	Uterine bleeding of reproductive age. Uterine bleeding in the premenopausal period. Spotting in postmenopausal women.	CLO3 CLO6	1 h	problem lecture	Blitz survey on the topic
	Practical lesson. Uterine bleeding of reproductive age.	Uterine bleeding of reproductive age. Uterine bleeding in the premenopausal period. Spotting in postmenopausal women. Etiopathogenesis, clinic, diagnosis, treatment and prevention.	CLO3 CLO6	3 h	"Standardized patient» Cyber - patient	Oral questioning, testing, solving situational problems
	SIWT. Consultation on	Etiopathogenesis, clinic, diagnosis,	CLO3 CLO6	2/5h	Work with scientific	Checklist for

ОҢТҮСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		4 page out of 23

	the implementation of SIW 2. SIW task Juvenile uterine bleeding.	treatment and prevention of juvenile uterine bleeding. Hormonal hemostasis.			literature.	evaluation of a scientific article and project. Feedback to each student according to the "Sandwich" method.
3	Lecture. Neuroimmuno-endocrine syndromes.	Menopausal syndrome. Postpartum obesity. Postpartum hypopituitarism. Post-castration syndrome. Definition, etiopathogenesis.	CLO1 CLO6	1 h	Problem lecture	Blitz survey on the topic
	Practical lesson. Ovarian dysfunction.	Premenstrual syndrome. Menopausal syndrome. Postpartum obesity. Postpartum hypopituitarism. Post-castration syndrome. Clinic, treatment, prevention.	CLO1 CLO6	3 h	Work in small groups, solving situational tasks. Cyber-patient	Oral questioning, checking situational tasks
	SIWT. Consultation on the implementation of SIW 3. SIW task Neuroimmuno-endocrine syndromes.	Hyperprolactinemia. Virilic syndrome. Definition, etiopathogenesis, clinic, diagnosis, treatment, prevention.	CLO1 CLO6	3/4h	Work with scientific literature.	Checklist for evaluation of a scientific article and project. Feedback to each student according to the "Sandwich" method.

ОҢТҮСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		5 page out of 23

4	Lecture. Inflammatory diseases of the female genital organs.	Inflammatory diseases of the female genital organs. Classification, etiopathogenesis. Clinic, diagnosis, principles of treatment of the female genital organs.	CLO2 CLO6	1 h	Overview lecture	Blitz survey on the topic
	Practical lesson. Non-specific inflammatory diseases of the female genital organs.	Nonspecific inflammatory diseases of the female genital organs. Classification, etiopathogenesis. Clinic, diagnosis, principles of treatment of the female genital organs.	CLO2 CLO6	3 h	"Standardized patient". Cyber-patient	Evaluation of oral interview, implementation of practical skills and techniques of "Standardized patient", Cyber - patient
	SIWT. Consultation on the implementation of SIW 4. SIW task Specific inflammatory diseases of the female genital organs. Midterm 1.	Specific inflammatory diseases of the female genital organs. Viral diseases of the genital organs. Clinic, diagnosis, principles of treatment.	CLO5 CLO6	2/5h	Work with scientific literature.	Feedback to each student according to the "Sandwich" method.
5	Lecture. "Acute abdomen" in gynecology.	"Acute abdomen" in gynecology. Etiopathogenesis, classification clinic.	CLO1 CLO6	1 h	Overview lecture	Blitz survey on the topic
	Practical lesson. "Acute abdomen" in gynecology.	Diagnosis, emergency care, prevention of "Acute abdomen" in gynecology.	CLO5 CLO6	3 h	"Standardized patient".	Evaluation of oral interview, implementation of practical skills and techniques

ОҢТҮСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		6 page out of 23

						of "Standardized patient", Cyber - patient
	SIWT. Consultation on the implementation of SIW 5. SIW task "Acute abdomen" in gynecology.	Diagnosis, emergency care, prevention of "Acute abdomen" in gynecology.	CLO1 CLO6 CLO7	2/5h	Work with scientific literature.	Checklist for evaluation of a scientific article and project. Feedback to each student according to the "Sandwich" method.
6	Lecture. Endometriosis.	Endometriosis. Etiopathogenesis, classification. Clinical manifestations, diagnosis, principles of hormonal and surgical treatment.	CLO6 CLO7	1 h	Overview lecture	Blitz survey on the topic
	Practical lesson. Endometriosis.	Clinical manifestations, diagnosis, principles of hormonal and surgical treatment.	CLO6 CLO7	3 h	Work with clinical protocol, cyber-patient	Assessment of students' work in the group and work with the clinical protocol, cyber-patient
	SIWT. Consultation on the implementation of SIW. SIW task Endometriosis.	Clinical manifestations, diagnosis, Principles of hormonal and surgical treatment, prevention according to the clinical protocol,	CLO5 CLO6 CLO7	3/4h	Work with scientific literature.	Checklist for evaluation of a scientific article and project. Feedback to each student according to

ОҢТҮСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		7 page out of 23

						the "Sandwich" method.
7	Lecture. Myoma uteri	Myoma uteri, classification. Clinical manifestations, diagnosis, principles of hormonal and surgical treatment of uterine myoma	CLO6 CLO7	1 h	Overview lecture	Blitz survey on the topic
	Practical lesson. Myoma uteri	Clinical manifestations, diagnosis, principles of hormonal and surgical treatment of uterine myoma.	CLO6 CLO7	3 h	Work with clinical protocol, cyber-patient	Assessment of students' work in the group and work with the clinical protocol
	SIWT. Consultation on the implementation of SIW. SIW task Myoma uteri	Clinical manifestations, diagnosis, principles of hormonal and surgical treatment, prevention of uterine myoma.	CLO5 CLO6 CLO7	2/5h	Work with scientific literature.	Checklist for evaluation of a scientific article and project. Feedback to each student according to the "Sandwich" method.
8	Lecture. Violations of sexual development.	Premature sexual development. Delayed sexual development. Lack of sexual development.	CLO6 CLO7	1 h	Overview lecture	Blitz survey on the topic
	Practical lesson. Malformations of the genital organs.	Premature sexual development. Delayed sexual development. Lack of sexual development. Causes, classification, diagnosis,	CLO2 CLO6	3 h	Work in small groups, solving situational tasks	Assessment of work in group,

ОҢТҮСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		8 page out of 23

		treatment, prevention.				
	SIWT. Consultation on the implementation of SIW 7. SIW task Malformations of the genital organs.	Classification, Malformations of the genital organs. Causes, types, diagnostics, methods of surgical correction, prevention of genital defects.	CLO2 CLO6	2/5h	Work with scientific literature.	Checklist for evaluation of a scientific article and project. Feedback to each student according to the "Sandwich" method.
9	Lecture. Hyperplastic and dystrophic processes of the genitals.	Hyperplastic and dystrophic processes of the genitals. Etiopathogenesis, clinic. Diagnostics, treatment, prevention.	CLO2 CLO6	1 h	Problem lecture	Blitz survey on the topic
	Practical lesson. Hyperplastic and dystrophic processes of the genitals.	Hyperplastic and dystrophic processes of the cervix, vagina, vulva. Diagnostics, treatment, prevention.	CLO5 CLO6	3 h	Work in small groups, solving situational tasks.	Assesment of work in small groups, solving situational tasks.
	SIWT. Consultation on the implementation of SIW 8. SIW task Hyperplastic and dystrophic processes of the genitals.	Hyperplastic and dystrophic processes of the genitals. Diseases of the body of the uterus.	CLO2 CLO5 CLO7	3/4h	Work with scientific literature.	Checklist for evaluation of a scientific article and project. Feedback to each student according to the "Sandwich" method.

ОҢТҮСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		9 page out of 23

10	Lecture. Sterile marriage.	Causes, classification, diagnosis, treatment, prevention of female infertility. Algorithm of examination of infertile couple.	CLO2 CLO5	1 h	Problem lecture	Blitz survey on the topic
	Practical lesson. Female infertility.	Forms of female infertility. Some gynecological diseases as a cause of infertility. Diagnosis, conservative and surgical treatment of the causes of female infertility.	CLO5 CLO6	3 h	Work in small groups, solving situational tasks.	Assessment of work in small groups, solving situational tasks.
	SIWT. Consultation on the implementation of SIW 9. SIW task Sterile marriage. Midterm 2.	Algorithm of examination of infertile couple. Assisted reproductive technologies. IVF, ICSI, surrogacy.	CLO5 CLO6 CLO7	3/ 2+2 h	Work with scientific literature.	Checklist for evaluation of a scientific article and project. Feedback to each student according to the "Sandwich" method.
	Written exam			12 h		
9.	Teaching Methods					
9.1	Lectures	Review. Blitz survey on the topic.				
9.2	Practical lessons	Work in small groups. Working out practical skills on the topic of the lesson. Application of the active teaching method: "standardized patient", CBL.				
9.3	SIWT / SIW	Protection of the report. Case study.				
9.4	Midterm examination	Written according to the ticket system, reception of practical skills				
10.	Evaluation criteria					
10.1	Criteria for evaluating the learning outcomes of the discipline					
CLO1	Demonstrates knowledge and understanding of the discipline and tasks of gynecology.					
	Score	Evaluation criteria				
	Great	Independently determines the basics of semiotics and syndromology				

ОҢТҮСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SKMA -1979- MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		10 page out of 23

		of gynecological patients. Analyzes the main parameters of laboratory and instrumental methods of research in gynecology.
	Good	Defines the basics of semiotics and syndromology of gynecological patients. Applies knowledge of the basic parameters of laboratory and instrumental studies of research methods in gynecology.
	Satisfactorily	It is difficult to determine the basics of semiotics and syndromology. Knows the basic parameters of laboratory and instrumental methods of research in gynecology.
	Unsatisfactory	Unable to determine the basics of semiotics and syndromology of gynecological patients. The main parameters of laboratory and instrumental studies of research methods in gynecology.
CLO2	Based on the principles of evidence-based medicine, it is able to diagnose, treat, prevent complications and rehabilitate patients with gynecological diseases.	
	Score	Evaluation criteria
	Great	Fluent in the methods of questioning and physical examination. Independently conducts questioning, physical examination of gynecological patients. Uses clinical thinking in collecting information when drawing up an examination plan. Substantiates the planned volume of basic and additional studies to clarify the lesion syndrome.
	Good	Conducts questioning, physical examination of gynecological patients. Collects information when drawing up a plan for the examination of gynecological patients. Substantiates the planned volume of basic and additional studies to clarify the lesion syndrome.
	Satisfactorily	Admits inaccuracies during questioning, physical examination of patients. It is difficult to collect information when drawing up a survey plan. Unable to justify a plan of basic and additional studies to clarify the lesion syndrome.
	Unsatisfactory	He is not able to conduct an interrogation, physical examination of the patient, make an examination plan.
CLO3	He is proficient in research methods, primary medical care, clinical examination and prevention of pathologies in gynecology.	
	Score	Evaluation criteria
	Great	Possesses clinical thinking in recognizing the connection between the clinical picture and the collected information. Analyzes the results of morphological, laboratory and instrumental methods of examination of patients with diseases of internal organs and systems. Independently formulates a syndromic diagnosis. Informatively and correctly fills in the medical history.
	Good	Recognizes the connections between the clinical picture and the collected information. Compares the results of morphological, laboratory and instrumental methods of examination of patients with diseases of internal organs and systems Able to formulate a syndromic diagnosis. Informatively correctly fills in the medical history.

ОНТҰСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		11 page out of 23

	Satisfactorily	Has difficulty recognizing the connection between the clinical picture and the collected information. It is difficult to compare the results of morphological, laboratory and instrumental research methods of patients with diseases of internal organs and systems. Able to formulate a syndromic diagnosis. Does not informatively fill out the medical history.
	Unsatisfactory	He is unable to recognize the connections between the clinical picture and the collected information, formulate a syndromic diagnosis and fill out a medical history.
CLO4	Uses the acquired knowledge to understand the features of etiopathogenesis, clinic, and complications in gynecological practice.	
	Score	Evaluation criteria
	Great	Objectively conveys appropriate information, ideas, problems and solutions to both specialists and non-specialists. Effectively communicates with patients and members of his family, taking into account the peculiarities of psychology, multiculturalism. Adheres to the norms of ethics and deontology in communicating with patients, their relatives (legal representatives) and the team.
	Good	Conveys appropriate information, ideas, problems and solutions to both specialists and non-specialists. Communicates with patients and family members. Adheres to the norms of ethics and deontology in communicating with patients, their relatives (legal representatives) and the team.
	Satisfactorily	Has difficulty communicating proper information, ideas, problems and solutions to both specialists and non-specialists He finds it difficult to communicate with patients and his family members. Allows non-compliance with the norms of ethics and deontology in communicating with patients, their relatives (legal representatives) and the team.
	Unsatisfactory	Unable to communicate with patients, their family members. Does not comply with the rules of ethics and deontology when communicating with patients, their relatives (legal representatives) and the team.
CLO5	Applies knowledge on the management of dispensary gynecological patients.	
	Score	Evaluation criteria
	Great	Evaluates the pathological anatomy of various diseases, their main morphological manifestations. Independently determines pathoanatomic changes of organs and systems at the organ, tissue and cellular levels. Analyzes pathoanatomic changes of organs, tissues and cells in various diseases, compares morphology with the clinic. Makes conclusions, explains the patterns of development of complications and outcomes of pathology of organs and systems. Evaluates the results of the conducted experimental studies.
	Good	Distinguishes the pathological anatomy of various diseases, their main morphological manifestations. Names pathoanatomic changes of organs and systems at the organ, tissue and cellular levels. Makes

ОҢТҮСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		12 page out of 23

		conclusions, names complications and outcomes of pathology of organs and systems. Analyzes the results of the conducted experimental studies.
	Satisfactorily	Indicates the main morphological manifestations of various diseases. Names pathoanatomic changes of organs and systems at the organ, tissue and cellular levels. Does not make conclusions, does not name complications and outcomes of pathology of organs and systems. Conducts experimental research.
	Unsatisfactory	Does not indicate the main morphological manifestations of various diseases. He does not name the pathological processes of organs and systems at the organ, tissue and cellular levels.
CLO6	Can apply communication skills when interacting with patients with gynecological diseases.	
	Score	Evaluation criteria
	Great	Applies communication skills when analyzing interaction with patients with gynecological diseases. Knows the basic principles of medical ethics and Deontology. Can integrate knowledge of the principles of deontology with medical legislation and apply the principles of ethics. Applies the principles of ethics of the relationship between patient and employee.
	Good	Can apply communication skills when analyzing interaction with patients with gynecological diseases. Knows about ethical principles. Knows the ethical code of healthcare. He knows about the difference between medical ethics and deontology.
	Satisfactorily	Does not use communication skills when analyzing interaction with patients with gynecological diseases. Knows the basic principles of medical ethics and deontology. Cannot integrate knowledge of the principles of deontology with medical legislation and apply the principles of ethics. Knows the principles of medical ethics.
	Unsatisfactory	Does not possess communication skills interaction with patients with gynecological diseases. Does not know the principles of medical ethics. It cannot apply the principles of ethics of the relationship between the patient and employees. Does not know what is included in the concept of health ethics.
CLO7	Applies scientific principles, methods and knowledge in obstetrics and research. Able to continuous self-education and development.	
	Score	Evaluation criteria
	Great	Able to fully apply the scientific principles, methods and knowledge in obstetrics and research on the timely diagnosis, treatment and prevention of obstetric complications. Always capable of continuous self-education and development.
	Good	Not always able to apply scientific principles, methods and knowledge in obstetrics and research on timely diagnosis, treatment and prevention of obstetric complications. Able to

ОҢТҰСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		13 page out of 23

		continuous self-education and development. Makes minor mistakes corrected by the student himself.	
	Satisfactorily	Does not fully reproduce the scientific principles, methods and knowledge in obstetrics and research on the timely diagnosis, treatment and prevention of obstetric complications. Not always capable of continuous self-education and development. Makes fundamental mistakes.	
	Unsatisfactory	Does not know how to apply scientific principles, methods and knowledge in obstetrics and research on the timely diagnosis, treatment and prevention of obstetric complications. Not capable of continuous self-education and development. Makes gross mistakes.	
10.2	Evaluation Criteria		
	Checklist for practice		
	Oral questioning.		
	Form of control	Evaluation	Evaluation criteria
	Oral questioning	Great A +(4,0; 95-100%) A-(3,76; 90-94%)	It is put in the event that the student did not make any mistakes, inaccuracies during the answer. Focuses on theories, concepts and directions in the discipline under study and gives them a critical assessment, uses the scientific achievements of other disciplines.
		Good B+(3,33;85-89%) B-(2,67; 75-79%) C+(2,33;70-74%	It is put in the event that the student during the answer did not make gross errors in the answer, made unprincipled inaccuracies or fundamental errors corrected by the student himself, managed to systematize the program material with the help of the teacher.
		Satisfactorily C (2,0;65-69%) C-(1,67;60-64%) D +(1,33;55-59%) D (1,0; 50-54%))	It is put in the event that the student made inaccuracies and unprincipled errors during the answer was limited only to the educational literature indicated by the teacher, experienced great difficulties in systematizing the material.
		Unsatisfactory FX (0,5; 25-49%) F (0;0-24%)	It is put in the event that the student made fundamental mistakes during the answer, did not work through the main literature on the topic of the lesson; does not know how to use the scientific terminology of the discipline, Answers with gross stylistic and logical errors.
	Solving situational problems.		
	Form of control	Evaluation	Evaluation criteria
	Solving	Great	It is put in the event that the student did not make

situational problems.	A +(4,0; 95-100%) A-(3,76; 90-94%)	any mistakes, inaccuracies during the answer. Focuses on theories, concepts and directions in the discipline under study and gives them a critical assessment, uses the scientific achievements of other disciplines.
	Good B+(3,33;85-89%) B-(2,67; 75-79%) C+(2,33;70-74%)	It is put in the event that the student during the answer did not make gross errors in the answer, made unprincipled inaccuracies or fundamental errors corrected by the student himself, managed to systematize the program material with the help of the teacher.
	Satisfactorily C (2,0;65-69%) C-(1,67;60-64%) D +(1,33;55-59%) D (1,0; 50-54%)	It is put in the event that the student made inaccuracies and unprincipled errors during the answer was limited only to the educational literature indicated by the teacher, experienced great difficulties in systematizing the material.
	Unsatisfactory FX (0,5; 25-49%) F (0;0-24%)	It is put in the event that the student made fundamental mistakes during the answer, did not work through the main literature on the topic of the lesson; does not know how to use the scientific terminology of the discipline, Answers with gross stylistic and logical errors.

Evaluation of written work on a 100-point scale, taking into account the degree of completeness of the student's response:

Evaluation	Evaluation criteria
Great A +(4,0; 95-100%) A-(3,76; 90-94%)	1. Correct and complete answers to all theoretical questions are given; 2. The practical task has been completely solved; 3. The material is presented correctly in accordance with the logical sequence; 4. Demonstrated creativity.
Good B+(3,33;85-89%) B-(2,67; 75-79%) C+(2,33;70-74%)	1. Correct but incomplete answers to all theoretical questions are given, minor errors or inaccuracies are made; 2. The practical task has been completed, but a minor mistake has been made; 3. The material is presented correctly in accordance with the logical sequence.
Satisfactorily C (2,0;65-69%) C-(1,67;60-64%) D +(1,33;55-59%) D (1,0; 50-54%)	1. The answers to theoretical questions are correct in principle, but incomplete, there are inaccuracies in the formulations and logical errors; 2. The practical task is not fully completed; 3. The material is presented correctly, but the logical sequence is broken.
Unsatisfactory FX (0,5; 25-49%)	1. Answers to theoretical questions contain gross errors; 2. The practical task has not been completed;

ОҢТҮСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		15 page out of 23

	F (0;0-24%)	3. Grammatical and terminological errors were made in the presentation of the answer, the logical sequence was violated.			
Checklist for SRO					
Reception of practical skills					
Form of control	Evaluation	Evaluation criteria			
Reception of practical skills	Excellent Corresponds Estimates: A (4,0; 95-100%); A- (3,67; 90-94%)	Performed correctly practical work, showed deep knowledge of equipment and modern methods of physiological research. Presented a full report on practical work.			
	Good Corresponds estimates: B+ (3,33; 85-89%); B (3,0; 80-84%); B- (2,67; 75-79%); C+ (2,33; 70-74%)	Performed correctly practical work, showed good knowledge of equipment and modern methods physiological research. The report contains minor errors and inaccuracies.			
	Satisfactorily Corresponds Estimates: C (2,0; 65-69%); C- (1,67; 60-64%); D+ (1,0; 50-54%)	He did the right practical work, resorted to the help of a teacher. The report contains fundamental errors and inaccuracies.			
	Unsatisfactory FX(0,5; 25-49%) F (0; 0-24%)	Poor focus on execution practical work. Done out of time. The report contains fundamental inaccuracies and gross mistakes.			
Criteria for evaluating the report					
No.	Criteria / points	Level			
		Perfect	Acceptable	Required corrections	Unacceptably
1.	Content (thoroughness, depth of study of the topic, completeness of data)	100-80	79-70	69-50	0
2.	Organization (clarity of main arguments, main ideas, usefulness of introduction/conclusion in providing an overview/summary)	100-80	79-70	69-50	0
3.	Sequence of judgments (systematic nature of arguments/ideas, connection between parts)	100-80	79-70	69-50	0
4.	Relevance (formulation of questions, evidence of critical use of data/text)	100-80	79-70	69-50	0
5.	Relevance (formulation of questions, evidence of critical use of data/text)	100-80	79-70	69-50	0
6.	Analytical thinking / decision making skills	100-80	79-70	69-50	0

ОҢТҮСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		16 page out of 23

	7.	Creativity / originality	100-80	79-70	69-50	0
	8.	Language competence (grammar, vocabulary, spelling)	100-80	79-70	69-50	0
	9.	Fluency (syntax, variation in sentence length, logical separation of arguments by paraphrasing)	100-80	79-70	69-50	0
	10.	Conciseness	100-80	79-70	69-50	0
	11.	Intellectual honesty (no plagiarism, acknowledgment of sources/authors, adequate references)	100-80	79-70	69-50	0
	12.	Bibliography (completeness, accuracy, usefulness)	100-80	79-70	69-50	0
Checklist for evaluating project work						
Interim assessment of project work						Max 100
№	Criterion	Description	Points			
1	Definition of the problem situation and the relevance of the study	Problems are clearly articulated, evidence-based and integrated. The relevance of the research topic is argued.	15-20			
		Problems are formulated and substantiated. The relevance of the research topic is argued.	10-14			
		Problems are partially formulated, not substantiated. The relevance of the research topic is partially substantiated.	5-9			
		Problems are not formulated or superficially formulated, The relevance of the topic is not reflected.	0-4			
2	Setting the project goal and defining tasks to achieve it	formulated clearly and concisely. The objectives of the study are fully consistent with the goal.	15-20			
		The goal is formulated, but described in too much detail. The objectives of the study correspond to the goal.	10-14			
		The goal is vague. The objectives of the study partially correspond to the goal.	5-9			
		The goal is vague or not formulated. The objectives of the study do not correspond to the purpose.	0-4			
3	Selection and use of literature	The most relevant publications/research published in full-text databases, data, authoritative publications are indicated. References are indicated in the text sequentially with numbers.	15-20			
		Publications/studies placed in full-text databases, data from a limited number of sources are indicated. References in the text are listed consecutively with numbers.	10-14			
		The publications/studies of the same type, posted in the public domain on the Internet, are indicated. Full-text databases and authoritative publications are practically not used. Most of the sources are not	5-9			

ОҢТҰСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		17 page out of 23

		related to the topic of the project. References in the text are not indicated.	
		Full-text databases and authoritative publications are practically not used. Most of the sources are not related to the topic of the project. References in the text are not indicated.	0-4
4	Timely submission of interim results	The interim results of the project were not submitted on time.	15-20
		The interim results of the project were not submitted on time.	10-14
		The interim results of the project were not submitted on time.	5-9
		The interim results of the project were not submitted on time.	0-4
5	Personal participation, creative approach to work	According to the intermediate results, there is a collective creative approach to solving problems, an even distribution of functions and well-coordinated work	15-20
		According to the intermediate results, there is a uniform distribution of functions in the team, well-coordinated work	10-14
		According to the intermediate results, there is an uneven distribution of functions in the team, well-coordinated work	5-9
		According to the intermediate results, there is a formal attitude of the participants to the work performed, there is no collective interaction	0-4
Final assessment of project work			Max 100
1	Depth of disclosure of the project topic	The topic of the project is fully disclosed, during the defense, deep knowledge was demonstrated that goes beyond the scope of the program being studied. The research methods are described, the ways of achieving the goals are substantiated. Scientific terms are used, there is a free operation with them. Modern research methods are used.	15-20
		The topic of the project is disclosed, during the defense, residual knowledge was demonstrated within the framework of the program being studied. The research methods are described, the ways of achieving the goals are substantiated. Scientific terms are not used enough. The text is presented in a logical sequence.	10-14
		The theme of the project is partially disclosed. The description of the project is not complete. Scientific terms are not used. The text is presented randomly.	5-9
		The theme of the project is not disclosed. The description of the project is not complete. Scientific	0-4

ОҢТҮСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SKMA -1979- MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		18 page out of 23

		terms are not used. The text is presented randomly.	
2	Objectivity and reliability of the results obtained, their practical significance	The results fully reflect the research, objective, reliable. Tables, figures, formulas are given. The applicability of the research results, the target consumers of the results are indicated.	15-20
		The results fully reflect the research, objective, reliable. Tables, figures, formulas are given. The applicability of the research results, the target consumers of the results are not indicated.	10-14
		The results partially reflect research, are objective, reliable. Tables, figures, formulas are given in insufficient quantity.	5-9
		The results do not reflect research, are not objective, are not reliable. Tables, figures, formulas are not given or insufficiently given.	0-4
3	Statement of conclusions	The conclusions are formulated correctly, argued and fully reflect the results of the research.	15-20
		The conclusions are formulated correctly, argued, but partially reflect the results of the research.	10-14
		The conclusions are formulated incompletely, not sufficiently substantiated and partially reflect the results of the research.	5-9
		The conclusions are formulated incorrectly, not substantiated and partially reflect or do not reflect the results of the research.	0-4
4	Achieving the goal of the project and solving the tasks	The goal of the project has been achieved. All assigned tasks have been completed.	15-20
		The goal of the project as a whole has been achieved. The tasks set have not been fully resolved.	10-14
		The goal of the project was partially achieved. Not all tasks have been completed.	5-9
		The goal of the project has not been achieved. The tasks set have been partially solved or not solved.	0-4
5	Compliance of the design of the project with the requirements and protection of the project	The project reflects and discloses all sections. The text is presented in a logical sequence, concisely, competently. The technical requirements for the design of the project are observed. The presentation is clear. When defending, the speaker demonstrates professional awareness and artistry.	15-20
		The project reflects and discloses all sections. The text is presented in a logical sequence. There are minor grammatical and stylistic errors. Technical requirements for the design of the project are not fully met. The presentation is not visual. When defending, the speaker demonstrates professional awareness and artistry.	10-14

ОҢТҮСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		19 page out of 23

		All sections are reflected in the project. The logical sequence of the presentation of the material is not always observed. There are grammatical and stylistic errors. Technical requirements for the design of the project are not met. The presentation is not visual. When defending, the speaker does not demonstrate a deep knowledge of the topic, is constrained.	5-9
		Not all sections are reflected in the project. The logical sequence of presentation of the material is not respected. There are grammatical and stylistic errors. Technical requirements for the design of the project are not met. The presentation is not visual. When defending, the speaker does not demonstrate a deep knowledge of the topic, finds it difficult to answer questions, is constrained.	0-4

Intermediate certification

Multi-point knowledge assessment system
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Grade by letter system	Numeric equivalent of points	Percentage	Grade by traditional system
A	4,0	95-100	Excellent
A -	3,67	90-94	
B +	3,33	85-89	Good
B	3,0	80-84	
B -	2,67	75-79	
C +	2,33	70-74	
C	2,0	65-69	Satisfactorily
C -	1,67	60-64	
D+	1,33	55-59	
D-	1,0	50-54	
FX	0,5	25-49	Unsatisfactory
F	0	0-24	

11. Learning resources

Electronic resources, including, but not limited to: databases, animation simulators, professional blogs, websites, other electronic reference materials (for example: video, audio, digests)	
Electronic textbooks	http://lib.ukma.kz http://10.10.202.52 http://89.218.155.74 http://rmebrk.kz/
Laboratory physical resources	http://www.studmedlib.ru https://online.zakon.kz/Medicine http://www.booksmed.com
Special programs	http://apps.webofknowledge.com www.scopus.com
Journals (electronic journals)	https://www.sciencedirect.com https://www.ncbi.nlm.nih.gov/pubmed
Literature	1.Bodyazhina, V. I.Cyesiology. Part 1,2,3: book / V. I. Bodyazhina, N. A.

ОҢТҰСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		20 page out of 23

	Geppe. - Almaty: "Evero", 2017. - 244 p. 2.The basic questions of oncogynecology. E.F.Kira,S.P.Sinchikhin, L.V.Stepanyan. Moscow,2018,288p. 3.The physiology of pregnancy,before labor care.The educational-methodic guidance. Kaylubaeva J.,Antonova Y.A.,Karaganda, 2019. 4.Obstetrics.Edited by V.E.Radsinskiy,A.M.Fuks,Ch.G.Gagaev
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12. Course policy

Requirements for students, attendance, behavior, grading policy, punitive measures, incentive measures, etc.

1. To be in special clothes (white robes, caps, masks, shoe covers) during classes.
2. Compulsory attendance of lectures, practical classes and SROP according to schedules.
3. Do not be late, do not miss lectures and classes. In case of illness, provide a certificate and a work-out sheet with an indication of the deadline, which is valid for 30 days from the moment it is received at the dean's office.
4. Missed classes for a disrespectful reason are not worked out. Students who missed classes for a disrespectful reason in the electronic journal next to the mark "h" are given a score of "0" and penalty points are deducted:
 - ☐ the penalty point for skipping 1 lecture is 1.0 point from the assessments of the midterm;
 - ☐ the penalty point for skipping 1 session of the SRO is 2.0 points from the SRO estimates.
5. Attendance of SRO classes is mandatory. In case of absence of students studying at the SROP, a mark "h" is made in the educational and electronic journal.
6. Each student must complete all forms of SRO assignments and pass on schedule.
7. For each practical lesson and SROP, all students should prepare in a timely and clear manner and take an active part in the discussion of the topic.
8. Be responsible for the sanitary condition of your workplace and personal hygiene.
9. Eating in classrooms is strictly prohibited.
10. Observe safety regulations when working with simulation models
11. Comply with the Academy's internal regulations and ethics of conduct.
12. Be tolerant, open and friendly to fellow students and teachers.

Carefully treats the property of the department.

- Active participation in the educational process.
- In the absence of activity and before completing tasks, penalties are applied and the score for the practical lesson is reduced.
- Have an idea about the topic of the upcoming lecture, be ready for feedback at the lecture.
- Be able to work in a team.
- Mandatory implementation of the SRS at a set time according to the schedule.
- Delivery of border control at the set time.
- Active participation of students in research work and in the activities of the department to improve the educational and methodological process.
- Observe safety precautions in the classroom;
- Boundary control of students' knowledge is carried out at least twice during one academic period on 8/15 weeks (days) of theoretical training with the resolution of the results of midterm in the academic progress journal and electronic journal, taking into account penalty points for missing lectures (lecture passes in the form of penalty points are deducted from the assessments of boundary control). The penalty point for skipping 1 lecture is 2.0 points, taken away from the boundary control. A student who did not show up for the boundary control without a valid reason is not allowed to take the exam in the discipline. The results of the boundary control are submitted to the dean's office in the form of a report before the end of the control week.

ОНТУСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		21 page out of 23

- The SRS score is set at the SRS classes according to the schedule in the academic performance journal and electronic journal, taking into account penalty points for skipping SRS classes (skipping SRS classes in the form of penalty points are deducted from the SRS grades). The penalty point for skipping 1 session of the SROP is 2.0 points.
 - The rating of admission to the exam consists of the average score of lectures, practical classes, SRS, boundary control.
 - A student who has not scored a passing score (50%) on one of the types of controls (current control, boundary control No. 1 and/or No. 2) is not allowed to take the exam/
- Incentive measures:** For active participation in the educational process (participation in Olympiads, research work, presentations at conferences), 5 points are added to the assessment of the midterm in the discipline. A student who fails to show up for the border control without a valid reason is not allowed to take the exam in the discipline.

13.	Academic policy based on the moral and ethical values of the academy		
	https://www.ukma.kz/ru/		
	Academic policy. Item 4 Code of Honor of students		
	The policy of grading by discipline.		
	The final assessment (FA) of students at the end of the course consists of the sum of the assessment of the admission rating (AAR) and the assessment of the final control (AFC) and is set according to the point-rating letter system. $FA = AAR + AFC$. The assessment of the admission rating (AAR) is equal to 61 points or 60% and includes an assessment of the current control (ACC) and an assessment of the midterm control (AMC). The assessment of the current control (ACC) is an average assessment of the practical training of the SRS. The midterm Control Assessment (MCA) is an average assessment of two boundary controls. The admission rating (AR) of 60 points is calculated according to the formula, $ARC_{cp} \times 0.2 + AAC_{cp} \times 0.4$. The assessment of examination papers is made on a 100-point scale, taking into account the degree of completeness of the student's answer. Final score (FC) (100 points) = $AAC_{srh0} + ACC_{0,4} + (FS) \times 0,4$ a student who received an unsatisfactory grade for one of the types of controls is not allowed to take the exam. Penalty points are subtracted from the average score of the current control.		

14.	Approval and revision		
Date of approval by the department	Protocol No. <u>12</u> <u>12.05.2025</u>	Head of the department PhD, ass.prof. Kulbayeva S.N.	Signature 
Date of approval by the EPC	Protocol No. <u>11</u> <u>01.06.2025</u>	Chairman of the EPC, DM, Acting professor Sadykova A. Sh.	Signature 

ONTÜSTIK QAZAQSTAN MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Obstetrics and gynecology		044-34/11
Working curriculum of the discipline (Syllabus)		22 page out of 23

F-044/270/01-2022

"Protocol for the coordination of teaching with prerequisites - postrequisites"

Disciplines of coordination	Proposals for changes in the proportions of the material, the order of presentation, etc.	Numbers of protocols and dates of meetings of agreed departments
1	2	3
Prerequisites		
General pathology	Determines pathological processes at the organ and cellular levels, interprets data on the pathophysiology and morphology of diseases taking into account the clinical data of patients, makes conclusions, explains the patterns of complications and outcomes of pathology of organs and systems, evaluates the results of experimental studies.	Protocol No. <u>11</u> « <u>28</u> » <u>05</u> 20 <u>23</u>
Pathology of organs and systems	Pathoanatomic changes, complications and outcome of diseases, physical and clinical laboratory methods of examinations and selection of medicines in adults and children with major clinical syndromes of internal diseases. Fundamentals of semiotics and syndromology, etiology, pathogenesis and morphogenesis of pathological changes in organs and systems.	Protocol No. <u>9</u> « <u>24</u> » <u>04</u> 20 <u>23</u>
Postrequisites		
Internship in the direction of "General Medical Practice"	Organization of obstetric and gynecological care for pregnant women, maternity women, women in labor and gynecological patients at the level of outpatient polyclinic care (APP). Provision of obstetric and gynecological care in accordance with clinical protocols and Standards of organization of obstetric and gynecological care in the Republic of Kazakhstan at the APP level.	Protocol No. <u>10</u> « <u>28</u> » <u>05</u> 20 <u>23</u>

Head of the Department of Obstetrics and Gynecology, PhD Kulbayeva S.N.


(signature)

- prerequisites:

ONTÜSTIK QAZAQSTAN MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ  SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»	
Department of Obstetrics and gynecology	044-34/11
Working curriculum of the discipline (Syllabus)	24 page out of 23

Head department of pathological anatomy and histology, MD Sadykova A. Sh.


(signature)

Head Department of Normal and Pathological physiology, c.b.s.Zhakupbekova G.S.


(signature)

- postrequisites;

Head department of general doctor practice -2, MD Dosybayeva G.N.


(signature)