




ОҢТҮСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ		 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
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Department «**Obstetrics and gynecology**»
 Working curriculum of the discipline (Syllabus) «**Obstetrics**»
 Educational program 6B10101 - «**General medicine**»


1.	General information about the Course		
1.1	Course Code: Obs 4305-1	1.6	Academic year: 2023-2024
1.2	Course name: Obstetrics	1.7	Year: 4
1.3	Prerequisites: Module " General pathology, pathology of organs and systems»	1.8	Term: 7
1.4	Post-requisites: internship in the direction of “General medical practice”	1.9	Number of credits (ECTS): 5
1.5	Cycle: MD	1.10	Component: UC
2.	Course description (maximum 50 words)		
Organization of health protection of women of fertile age in the Republic of Kazakhstan. Anatomy and physiology of the reproductive system of women. Fertilization. Antenatal fetal protection. Conducting external and internal obstetric examination. Dispensary observation of the entire period of physiological pregnancy at various levels of outpatient service. Management and reception of physiological childbirth. Physiology and pathology of the postpartum period. Family planning. Modern methods of contraception.			
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 in the diagnosis and management of pregnancy, childbirth and the postpartum period, primary health care and prevention of common obstetric pathology, training in the basics of practical skills of physiological and pathological obstetrics and perinatology. Improve communication skills of interpersonal communication and counseling of pregnant and postpartum patients.			
5.	Learning outcomes (Course learning outcomes)		
CLO1	Demonstrates knowledge and understanding of the discipline and tasks of midwifery.		
CLO2	Based on the principles of evidence-based medicine, it is able to diagnose, treat, prevent complications and rehabilitate patients during pregnancy, childbirth and the postpartum period.		
CLO3	He is proficient in research methods, primary medical care, clinical examination and prevention of pathologies in obstetrics.		
CLO4	Uses the acquired knowledge to understand the features of etiopathogenesis, clinic, complications and extragenital diseases during pregnancy.		
CLO5	Applies knowledge on the management of physiological and pathological pregnancy, childbirth and the postpartum period.		
CLO6	She is able to apply her communication skills when interacting with pregnant women, women in labor and postpartum women in different obstetric situations.		
CLO7	Applies scientific principles, methods and knowledge in obstetrics and research. Able to continuous self-education and development.		
5.1	Course learnin	The results of the training of the EP, which are associated with the LO of the discipline	

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	g outcom es						
	CLO 1	CLO 1-Demonstrates knowledge and understanding of biomedical sciences for the diagnosis, treatment, and dynamic observation of the most common 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, on the basis of the principles of evidence-based medicine, determines the indications for hospitalization.					
	CLO 3 CLO 4 CLO5	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	CLO 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	CLO 10 - Applies scientific principles, methods and knowledge in obstetrics and research. Able to continuous self-education and development.					
6.		Details of the course					
6.1		Location (building, auditorium): Shymkent, 142A G. Ilyayeva str., Regional Perinatal Center No. 1, tel. 40-82-22 (ext. -1100), 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 "YUKMA" in the CALL-Center section, Helpdesk on the main page of the site.					
6.2		Number of hours	Lectures	Prac. lessons	Lab.lessons	SIWT	SIW
			15	35	-	30	70
7.		Information about teachers					
№	Full name	Degrees and title	Email address	Scientific interests, etc...		Achievements	
1	Kulbayeva S.	Doctor PhD, assoc.professor	Saltanat_phd@mail.ru	Obstetric bleeding		More than60 scientific articles	
2	Junussova R.	Assistant	raushanjunussova@mail.ru	Obstetric bleeding		More than 50 scientific articles	
3	Kurbanova K.	Assistant	Kamila991@mail.ru	Gynecological endocrinology		3 scientific articles	
8.		Thematic plan					
Week/ Day	Topic name	Summary	Cours e learn ing outco mes	Nu mbe r of hour s	Forms / methods / learning technologies	Forms / assessment methods	

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1	Lecture. Organization of women's reproductive health protection in the Republic of Kazakhstan.	Organization of women's reproductive health protection in the Republic of Kazakhstan. Structure, content and methodological work of obstetrical institutions. Medical examination of pregnant women. Levels of regionalization.	CLO 1 CLO 4	1 h	Overview	Reflection
	Practical class. Female pelvis from an obstetric point of view.	The female pelvis from an obstetric point of view. Features of the female pelvis. The size of the large pelvis. The planes of the pelvis. Soft birth canal.	CLO1 CLO2	3 h	Working in small groups. Completing test tasks	Oral questioning, verification of compliance
	SIWT. Consultation on the implementation of SIW 1. SIW task Regulation of the menstrual cycle.	Levels of regulation of the menstrual cycle. Ovulation. Ovarian cycle. The uterine cycle. Hygiene issues.	CLO6 CLO7	2/5h	Protecting of presentations, working with educational and scientific literature	Assesment of presentation protecting
2	Lecture. Fertilization. Antenatal fetal development and monitoring of pregnant women.	Fertilization, development of embryonic membranes and the fetus according to the gestational age.	CLO1	1h	review	Reflection
	Practical class. The fetus in certain months of fetal life.	The fetus in certain months of fetal life. Monitoring of intrauterine development. Antenatal care.	CLO1 CLO2	3h	Work in small groups. Solving situational problems	Assesment of work in small groups and solving of situational problems
	SIWT. Consultation on the implementation of SIW 2. SIW task Hygiene and diet of pregnant women.	Features of hygiene and nutrition of pregnant women in different trimesters of pregnancy. Sexual hygiene. Preparation of mammary glands during pregnancy for lactation. Asepsis and antiseptics in obstetrics. Medical and protective regime in obstetric	CLO4	2/5h	Protecting of presentations, working with educational and scientific literature	Assesment of presentation protecting

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		institutions.				
3	Lecture. Physiological changes in the body of a woman during pregnancy.	Physiological changes in a woman's body during pregnancy. Physiological changes in organs and systems.	CLO3	2h	Problem	Feedback
	Practical class. Diagnosis of pregnancy.	Diagnosis of pregnancy. Doubtful, probable, and reliable signs of pregnancy. Laboratory, functional, radiation, and endoscopic diagnostics in obstetrics.	CLO3	3h	Practicing practical skills on the topic of the lesson. Completing test tasks	Assessment of practical skills. Checking the completion of test tasks
	SIWT. Consultation on the implementation of SIW 3. SIW task Antenatal care.	Antenatal fetal development and monitoring of pregnant women. Antenatal care.	CLO6 CLO7	3/3h	Protecting of presentations, working with educational and scientific literature.	Assesment of presentation protecting
4	Lecture. Early pregnancy toxicosis.	Determination of early pregnancy toxicosis. Etiopathogenesis, classification, diagnosis, treatment and prevention of early pregnancy toxicosis. Pregnancy management according to the clinical protocol.	CLO2	1h	review	Reflection
	Practical class. Hypertensive conditions during pregnancy.	Etiopathogenesis, classification, features of management and treatment of hypertensive conditions during pregnancy, childbirth and the postpartum period according to the clinical protocol.	CLO4	3h	Work in small groups. Solving situational problems	Assesment of work in small groups and solving of situational problems
	SIWT. Consultation on the implementation of SIW 4. SIW task Chronic arterial hypertension and pregnancy.	Chronic arterial hypertension and pregnancy. Management of pregnancy, childbirth and the postpartum period with CAH according to the clinical protocol.	CLO6 CLO7	2/5h	Preparing an abstract, working with educational and scientific literature.	Assesment of presentation protecting
5	Lecture.	Physiological childbirth	CLO3	1h	Problem	Feedback

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	Physiological childbirth.	Definition of childbirth. Periods of labor. Delivery by "Safe motherhood"..				
	Practical class. Labor management.	Labor management. The mechanism of labor in the anterior and posterior occipital presentation. Labor anesthesia. Management of physiological labor according to the clinical protocol of the Ministry of Health of the Republic of Kazakhstan	CLO3	3h	"Standardised patient". Working with the clinical protocol of the Ministry of Health of the Republic of Kazakhstan.	Assessment of practical skills. Checking the work with clinical protocol
	SIWT. Consultation on the implementation of SIW 5. SIW task Assessment of the functional state of the fetus.	Signs of a mature, full-term newborn. Assessment of the newborn's condition on the Apgar scale. Methods of providing assistance to newborns with signs of asphyxia. Assessment of the functional state of the fetus	CLO5 CLO3	2/5h	Preparation of presentations, working with educational and scientific literature.	Assesment of presentation protecting
6	Lecture. Normal postpartum period.	Normal postpartum period. Management of the postpartum period. Observation of a woman in labor. Prevention of postpartum complications.	CLO3	2h	Problem	Feedback
	Practical class. Management of the postpartum period.	Management of the postpartum period. Breastfeeding. Principles of breastfeeding.	CLO5 CLO7	3h	Practicing practical skills on the topic of the lesson. Working with the clinical protocol of the Ministry of Health of the Republic of Kazakhstan.	Assessment of of practical skills. Checking the work with clinical protocol
	SIWT. Consultation on the implementation of SIW	Definition of postpartum purulent-septic diseases, etiopathogenesis, classification according to Sazonov-Bartels,	CLO3 CLO4	3/3h	Presentation protecting, working with educational and scientific	Assesment of presentation protecting

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	6. SIW task Postpartum purulent-septic diseases. Mid-term examination 1	clinic, diagnosis, principles of treatment.			literature.	
7	Lecture. Pelvic presentation.	Causes, types, diagnosis of pelvic presentation.	CLO1 CLO3	1h	review	Feedback
	Practical class. Management of pregnancy and childbirth with pelvic presentation.	Management of pregnancy and childbirth with pelvic presentation. Obstetric aids for pelvic presentation.	CLO5	3h	Work in small groups. Working with the clinical protocol	Assesment of work in small groups and work with the clinical protocol
	SIWT. Consultation on the implementation of SIW 7. SIW task Multiple pregnancy	Causes, types, diagnostics, features of pregnancy and childbirth in multiple pregnancies.	CLO5 CLO7	2/5h	Preparation of presentations, working with educational and scientific literature. «Case-study»	Assesment of presentation protecting. «Case-study»
8	Lecture. Obstetric bleeding.	Obstetric bleeding. Etiopathogenesis, classification, diagnosis, emergency care, prevention of obstetric bleeding according to the clinical protocol of the Ministry of Health of the Republic of Kazakhstan.	CLO3 CLO7	1h	problem	Feedback
	Practical class. Bleeding during pregnancy.	Bleeding during pregnancy. Premature detachment of the normally located placenta. Placental presentation. Etiopathogenesis, clinic, diagnosis, emergency care, prevention of obstetric bleeding according to the clinical protocol of the Ministry of Health of the Republic of Kazakhstan.	CLO6 CLO5	3h	TBL, working with the clinical protocol of the Ministry of Health of the Republic of Kazakhstan.	Assessment of work students in group and checking the work with clinical protocol
	SIWT. Consultation on	Postpartum bleeding. Etiopathogenesis.	CLO6 CLO5	2/5h	Preparing of presentation,	Assesment of presentation

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	the implementation of SIW 8. SIW task Postpartum bleeding.	Diagnostics, assistance to women in labor with postpartum bleeding according to the clinical protocol of the Ministry of Health of the Republic of Kazakhstan. Principles of management.			working with educational and scientific literature.	protecting
9	Lecture. Miscarriage of pregnancy.	Miscarriage of pregnancy. Etiopathogenesis. Features of pregnancy management in case of miscarriage.	CLO6 CLO5	2h	Problem	Feedback
	Practical class. Preterm labor	Reasons. Diagnostics. Management of preterm labor according to the clinical protocol of the Ministry of Health of the Republic of Kazakhstan.	CLO6 CLO5	3h	CBL	Assessment of work students in group.
	SIWT. Consultation on the implementation of SIW 9. SIW task Fetal immaturity.	Signs of prematurity. Assessment of the condition of a premature newborn on the Silverman scale. Extreme immaturity.	CLO6 CLO5	3/3h	Preparation of presentations, working with educational and scientific literature, clinical protocol.	Assesment of presentation protecting, work with clinical protocol.
10	Lecture. Operative obstetrics.	Types of obstetric benefits during pregnancy and childbirth. Indications, contraindications, conditions and technique.	CLO5 CLO6	1h	Problem	Feedback
	Practical class. Caesarean section in modern obstetrics.	Caesarean section in modern obstetrics. Indications, contraindications, conditions and technique.	CLO5 CLO6	3h	Work in small groups. Solving of situational tasks.	Assesment of work in small groups and solving of situational tasks
	SIWT. Consultation on the implementation of SIW 10. SIW task Diseases of the cardiovascular	Insufficiency and stenosis of the mitral and aortic valves. Features of the course and management of pregnancy, childbirth and the postpartum period in heart defects.	CLO6 CLO7	2/5h	Presentation protecting, working with educational and scientific literature.	Assesment of presentation protecting

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	and respiratory organs and pregnancy.	Acute respiratory infections and pregnancy. Acute and chronic bronchitis. Tactics of pregnancy management in bronchitis. Acute and chronic pneumonia. Pneumonia and pulmonary heart. Tactics of pregnancy management in pneumonia.				
11	Lecture. Obstetric trauma.	Obstetric trauma. Classification. Ruptures of the soft birth canal. Causes, diagnosis, suturing of ruptures. Prevention of postpartum fistulas	CLO1 CLO4	1h	Problem	Feedback
	Practical class. Ruptures of the soft birth canal.	Ruptures of the cervix, uterus, perineum. Postpartum fistulas. Postpartum eversion of the uterus. Treatment and prevention of ruptures of the soft birth canal.	CLO7 CLO5	3h	Work in small groups. Practicing practical skills on the topic of the lesson.	Assesment of work in small groups of practicing of practical skills on the topic of the lesson.
	SIWT. Consultation on the implementation of SIW 11. SIW task Diseases of the kidneys and urinary tract during pregnancy.	Diseases of the kidneys and urinary tract during pregnancy. Modern diagnostics. Principles of management of pregnancy, childbirth and the postpartum period in chronic and acute kidney diseases during pregnancy.	CLO6 CLO4	2/5h	Preparation of presentations, working with educational and scientific literature, «Case-study»	Assesment of presentation protecting, «Case-study»
12	Lecture. Incorrect position and presentation of the fetus.	Reproductive health protection. Family planning.	CLO2 CLO3	1h	Problem	Feedback
	Practical class. Modern methods of contraception.	Modern methods of contraception. Classification, mechanism of action, advantages,	CLO1 CLO2	2h	Work in small groups. Solving of situational tasks.	Assesment of work in small groups and solving of situational tasks.

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		disadvantages, Pearl index.				
	SIWT. Consultation on the implementation of SIW 12. SIW task Gastrointestinal diseases and pregnancy. Mid-term examination 2	Chronic gastritis, duodenitis. Peptic ulcer disease. Acute fatty liver dystrophy. HELLP syndrome. Acute and chronic viral hepatitis. Acute and chronic pancreatitis. Features of the course and management of pregnancy, childbirth and the postpartum period.	CLO6 CLO7	3/3h	Presentation protecting, working with educational and scientific literature.	Assesment of presentation protecting
13	SIWT. Consultation on the implementation of SIW 12. SIW task Endocrine diseases and pregnancy	Features of the course and management of pregnancy, childbirth and the postpartum period in diseases of the thyroid gland, diabetes mellitus.	CLO6 CLO7	2/ 3+5	Presentation protecting, working with educational and scientific literature.	Assesment of presentation protecting
	Preparation and implementation of intermediate certification			15 h		
9.	Teaching Methods					
9.1	Lectures	Review, problem Feedback, reflection				
9.2	Practical lessons	<ul style="list-style-type: none">• Working in small groups• Group work in online communication mode• Practice practical skills on the topic of the lesson• Work with clinical protocols of the Ministry of Health of the Republic of Kazakhstan.• Application of an active learning method: "standardized patient", CBL, TBL				
9.3	SIWT / SIW	Presentation protection, case study (Case study) technology				
9.4	Mid-term examination	Testing, solving situational problems				
10.	Evaluation criteria					
CLO1	Demonstrates knowledge and understanding of the discipline and tasks of gynecology					
	Score	Evaluation criteria				
	Great	Reproduces knowledge of basic disciplines: anatomy, physiology, Latin, topographic anatomy, propaedeutics and demonstrates knowledge and understanding of the discipline and tasks of obstetrics with the required accuracy and completeness, can apply basic knowledge in practice. Uses				

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		literature from scientific databases.
	Good	Reproduces knowledge of basic disciplines, demonstrates knowledge and understanding of the discipline and tasks of obstetrics with the required accuracy and completeness, cannot apply basic knowledge in practice. Uses the literature recommended in the syllabus.
	Satisfactorily	Does not fully reproduce knowledge in basic disciplines, does not demonstrate knowledge and understanding of the discipline and tasks of obstetrics in full, cannot apply basic knowledge, does not allow accuracy and errors in theoretical knowledge in practice. Has difficulties in solving problems.
	Unsatisfactory	Does not reproduce knowledge of basic disciplines, does not fully demonstrate knowledge and understanding of the discipline and tasks of obstetrics with the required accuracy and completeness, incorrectly finds solutions to problems of obstetrics, cannot apply basic knowledge, makes gross mistakes in theoretical knowledge in practice. I haven't worked through the main literature.
CLO 2	It is capable of conducting diagnostics, treatment, prevention of complications and rehabilitation of patients during pregnancy, childbirth and the postpartum period on the basis of the principles of evidence-based medicine.	
	Score	Evaluation criteria
	Great	Demonstrates the application of the principles of evidence-based medicine during the diagnosis, treatment, prevention of complications and rehabilitation of pregnant women, women in labor and maternity. Applies communication skills when communicating with the patient, informs about the examination and treatment plan, receives consent. Conducts diagnostics, treatment, prevention of complications and rehabilitation of patients during pregnancy, childbirth and the postpartum period according to the clinical protocols of the Ministry of Health of the Republic of Kazakhstan.
	Good	Demonstrates the application of the principles of evidence-based medicine during the diagnosis, treatment, prevention of complications and rehabilitation of pregnant women, women in labor and maternity. Applies communication skills when communicating with the patient, informs about the examination and treatment plan, receives consent. Conducts diagnostics, treatment, prevention of complications and rehabilitation of patients during pregnancy, childbirth and the postpartum period according to the clinical protocols of the Ministry of Health of the Republic of Kazakhstan. Admits unprincipled mistakes, corrected by the student himself.
	Satisfactorily	Partially demonstrates the application of the principles of evidence-based medicine during the diagnosis, treatment, prevention of complications and rehabilitation of pregnant women, women in labor and maternity. Does not fully apply communication skills when communicating with the patient, does not inform about the examination and treatment plan, does not allow accuracy. Also, it does not fully diagnose, treat, prevent complications and rehabilitate patients during pregnancy, childbirth and the postpartum period according to the clinical protocols of the Ministry of Health of the Republic

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		of Kazakhstan. Makes significant mistakes.
	Unsatisfactory	It does not demonstrate the application of the principles of evidence-based medicine during the diagnosis, treatment, prevention of complications and rehabilitation of pregnant women, women in labor and maternity. Did not apply communication skills when communicating with the patient, did not inform about the examination and treatment plan. He did not apply the clinical protocols of the Ministry of Health of the Republic of Kazakhstan in the diagnosis, treatment, prevention of complications and rehabilitation of patients during pregnancy, childbirth and the postpartum period. Makes gross mistakes.
CLO 3	He is proficient in research methods, primary medical care, medical examination skills and pathology prevention in obstetrics.	
	Score	Evaluation criteria
	Great	Demonstrates the application of modern research methods in obstetrics, obstetric care, skills of medical examination and prevention of complications in obstetrics based on the principles of evidence-based medicine. Conducts diagnostics, treatment, prevention of obstetric complications and medical examination of pregnant women according to the clinical protocol of the Ministry of Health of the Republic of Kazakhstan.
	Good	Demonstrates the application of modern research methods in obstetrics, obstetric care, skills of medical examination and prevention of complications in obstetrics based on the principles of evidence-based medicine. Conducts diagnostics, treatment, prevention of obstetric complications and medical examination of pregnant women according to the clinical protocol of the Ministry of Health of the Republic of Kazakhstan. Admits unprincipled mistakes, corrected by the student himself.
	Satisfactorily	It does not fully demonstrate the use of modern research methods in obstetrics, obstetric care, medical examination skills and prevention of complications in obstetrics based on the principles of evidence-based medicine, admits of inaccuracy. Does not carry out diagnostics, treatment, prevention of obstetric complications and medical examination of pregnant women according to the clinical protocol of the Ministry of Health of the Republic of Kazakhstan. Admits fundamental mistakes.
	Unsatisfactory	It does not demonstrate the use of modern research methods in obstetrics, obstetric care, medical examination skills and prevention of complications in obstetrics based on the principles of evidence-based medicine. Does not carry out diagnostics, treatment, prevention of obstetric complications and medical examination of pregnant women according to the clinical protocol of the Ministry of Health of the Republic of Kazakhstan. Makes gross mistakes.
CLO 4	Uses the acquired knowledge to understand the features of etiopathogenesis, clinic, complications and extragenital diseases during pregnancy.	
	Score	Evaluation criteria
	Great	Applies the acquired knowledge based on the principles of evidence-based medicine on the peculiarities of etiopathogenesis, clinic, diagnosis of pregnancy complications during extragenital diseases in practice. Conducts diagnostics, treatment, prevention of pregnancy complications and

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		medical examination of women with extragenital diseases according to the clinical protocol of the Ministry of Health of the Republic of Kazakhstan.
	Good	Applies the acquired knowledge based on the principles of evidence-based medicine on the peculiarities of etiopathogenesis, clinic, diagnosis of pregnancy complications during extragenital diseases in practice. Conducts diagnostics, treatment, prevention of pregnancy complications and medical examination of women with extragenital diseases according to the clinical protocol of the Ministry of Health of the Republic of Kazakhstan. Admits unprincipled mistakes, corrected by the student himself.
	Satisfactorily	Does not fully apply the acquired knowledge based on the principles of evidence-based medicine on the peculiarities of etiopathogenesis, clinic, diagnosis of pregnancy complications during extragenital diseases in practice, admits of inaccuracy. Does not use the clinical protocol of the Ministry of Health of the Republic of Kazakhstan during the diagnosis, treatment, prevention of pregnancy complications and medical examination of women with extragenital diseases. Admits fundamental mistakes.
	Unsatisfactory	Does not apply the acquired knowledge based on the principles of evidence-based medicine on the peculiarities of etiopathogenesis, clinic, diagnosis of pregnancy complications during extragenital diseases in practice. Does not know how to diagnose, treat, and prevent pregnancy complications and medical examination of women with extragenital diseases. Does not know the clinical protocol of the Ministry of Health of the Republic of Kazakhstan. Makes gross mistakes.
CLO 5	Applies knowledge on the management of physiological and pathological pregnancy, childbirth and the postpartum period.	
	Score	Evaluation criteria
	Great	Applies the acquired knowledge based on the principles of evidence-based medicine for the management of physiological and pathological pregnancy, childbirth and the postpartum period. He is able to conduct physiological, pathological pregnancies, childbirth and the postpartum period according to the clinical protocol of the Ministry of Health of the Republic of Kazakhstan. Knows and fills in a gravidogram, a partogram. Applies communication skills, observes asepsis and antiseptics, ethics and deontology.
	Good	Applies the acquired knowledge based on the principles of evidence-based medicine for the management of physiological and pathological pregnancy, childbirth and the postpartum period. He is able to conduct physiological, pathological pregnancies, childbirth and the postpartum period according to the clinical protocol of the Ministry of Health of the Republic of Kazakhstan. He knows, but has difficulty filling out a gravidogram, a partogram. Applies communication skills, observes asepsis and antiseptics, ethics and deontology. Admits unprincipled mistakes, corrected by the student himself.
	Satisfactorily	Does not fully apply the acquired knowledge based on the principles of evidence-based medicine for the management of physiological and pathological pregnancy, childbirth and the postpartum period. Admits fundamental errors in the management of physiological, pathological

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		<p>pregnancies, childbirth and the postpartum period according to the clinical protocol of the Ministry of Health of the Republic of Kazakhstan. Also makes mistakes when filling out a gravidogram, a partogram. Does not always use communication skills, violates asepsis and antiseptics, ethics and deontology.</p>
	Unsatisfactory	<p>Does not know how to apply the acquired knowledge based on the principles of evidence-based medicine for the management of physiological and pathological pregnancy, childbirth and the postpartum period. Makes gross mistakes in the management of physiological, pathological pregnancies, childbirth and the postpartum period according to the clinical protocol of the Ministry of Health of the Republic of Kazakhstan. Also makes mistakes when filling out a gravidogram, a partogram. Does not use communication skills, violates asepsis and antiseptics, and does not know the principles of ethics and deontology.</p>
CLO 6	He is able to apply communication skills when interacting with pregnant women, women in labor and maternity women in various obstetric situations.	
	Score	Evaluation criteria
	Great	<p>Reproduces the knowledge of communication skills with the required accuracy and completeness, correctly finds solutions on issues of ethics, deontology and communication skills in various obstetric situations. He is able to apply theoretical knowledge on timely diagnosis, treatment and prevention of possible obstetric complications in practice. Uses communication skills when interacting with pregnant women, women in labor, maternity hospitals and their relatives in case of obstetric complications and conflict situations.</p>
	Good	<p>Reproduces the knowledge of communication skills with the required accuracy and completeness, correctly finds solutions on issues of ethics, deontology and communication skills in various obstetric situations. Does not always know how to apply theoretical knowledge on timely diagnosis, treatment and prevention of possible obstetric complications in practice. Uses communication skills when interacting with pregnant women, women in labor, maternity hospitals and their relatives in case of obstetric complications and conflict situations.</p> <p>Admits unprincipled mistakes, corrected by the student himself.</p>
	Satisfactorily	<p>Does not fully reproduce the knowledge of communication skills, incorrectly finds solutions on issues of ethics, deontology and communication skills in various obstetric situations. Does not know how to apply theoretical knowledge on timely diagnosis, treatment and prevention of possible obstetric complications in practice. Does not always use communication skills when interacting with pregnant women, women in labor, maternity hospitals and their relatives in case of obstetric complications and conflict situations. Admits fundamental mistakes.</p>
	Unsatisfactory	<p>Has no knowledge of communication skills, incorrectly finds solutions on ethics, deontology and communication skills in various obstetric situations. Does not know how to apply theoretical knowledge on timely diagnosis,</p>

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		treatment and prevention of possible obstetric complications in practice. Does not use communication skills when interacting with pregnant women, women in labor, maternity hospitals and their relatives in case of obstetric complications and conflict situations. Makes gross mistakes.	
CLO 7	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 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 ques- tioning	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%)	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,

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Д+(1,33;55-59%) Д(1,0; 50-54%))	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 situational problems.	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.

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	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.
Well	1. Correct but incomplete answers to all theoretical questions are given, minor errors or inaccuracies are made;

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		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.
Satisfactory		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		1. Answers to theoretical questions contain gross errors; 2. The practical task has not been completed; 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.

Presentation Evaluation Criteria


No.	Criteria / points	Level			
		Perfect	Acceptable	Required Corrections	Unacceptably
1.	Content (thoroughness, depth of study of the	100-80	79-70	69-50	0

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		topic, completeness of data)				
	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
	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	0-4			

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		purpose.	
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 related to the topic of the project. References in the text are not indicated.	5-9
		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	15-20

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		with them. Modern research methods are used.	
		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 terms are not used. The text is presented randomly.	0-4
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

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		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
		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			
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	Satisfactorily
C	2,0	65-69	
C -	1,67	60-64	
D+	1,33	55-59	
D-	1,0	50-54	Unsatisfactory
FX	0,5	25-49	
F	0	0-24	

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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 https://www.sciencedirect.com https://www.ncbi.nlm.nih.gov/pubmed
Journals (electronic journals)	https://online.zakon.kz/Medicine https://zan.kz https://elibrary.ru/ http://www.booksmed.com http://apps.webofknowledge.com https://www.sciencedirect.com www.scopus.com https://www.ncbi.nlm.nih.gov/pubmed
Literature	1.Bodyazhina, V. I.Cyesiology. Part 1,2,3: book / V. I. Bodyazhina, N. A. 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
12.	Course policy
1. When passing the cycle at the department, student must wear a medical uniform: a robe, a cap, a mask. 2. Observe discipline, silence, ethics and deontology, subordination with the staff. 3. Observe the safety measures. 4. Take care of medical equipment and technical means of training at the department 5. Actively participate in the discussion of all SIW topics. 6. The student chooses the form of performing the IW from the suggested options. 7. All types of written works of students are checked for plagiarism.	
13.	Academic policy based on the moral and ethical values of the academy
	https://www.ukma.kz/ru/
	Grading Policy 1. The assessment of students ' academic achievements involves the assessment of the current control, boundary control and final certification of students. 2. The current control of students 'knowledge is carried out within the framework of practical classes with the daily completion of the educational journal of students' progress and the electronic journal until the end of the week. A student who has missed a class, a lecture, and a SIWT (if he is not released from classes according to the order of the dean of the faculty) is marked " a» 3. Missed classes for a disrespectful reason are not worked out.

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Students who missed classes for a disrespectful reason or did not work in an electronic journal next to the mark "a" are given a grade of "0" in the last week of the academic period.

4. Missed classes for a valid reason are worked out when providing an exculpatory document. The student must submit the certificate no later than 5 working days from the date of its receipt. In the absence of supporting documents or when submitting them to the dean's office later than 5 working days after leaving for study, the reason is considered disrespectful. The student submits an application addressed to the dean and receives a work-off sheet with an indication of the deadline, which is valid for 30 days from the moment of receiving it at the dean's office. Students who missed classes for a good reason in the electronic journal, next to the mark "a", are given the grade obtained as a result of working out the lesson. In this case, the "a" mark is automatically canceled.

5. Students who missed classes by order of the dean on release, the mark "a" is not set, the grade obtained as a result of working out the lesson is set.

6. At the end of each cycle, the department submits to the dean's office information about the progress and attendance of students.

7. The boundary control of students' knowledge is carried out in the middle and at the end with the affixing of the results of boundary controls in the academic journal of academic performance and the electronic journal, taking into account penalty points for skipping lectures (skipping lectures in the form of penalty points are deducted from the assessments of boundary control). The penalty point for skipping 1 lecture is 1.0 point. A student who does not show up for the border control without a valid reason is not allowed to take the exam in the discipline. A student who does not appear for a foreign control for a valid reason, immediately after starting classes, submits an application to the dean, provides exculpatory documents (due to illness, family circumstances or other objective reasons), receives a work sheet.

8. The SIW score is set at the SIWT classes according to the schedule in the academic performance journal and the electronic journal, taking into account the penalty points for skipping SIW classes (skipping SIW classes in the form of penalty points are deducted from the SIW scores). The penalty point for skipping 1 SIW class is 2.0 points.


A student who has not scored a passing score (50%) on one of the types of controls is not allowed to take the exam in the discipline.



10. The correction of assessments of the current and boundary controls is carried out in case of technical errors in filling out the electronic journal on the basis of an explanatory note of the teacher (signed by the head of the department) with an indication of the reason; submission of supporting documents (the journal of academic performance, etc.); permission of the vice-rector for academic and methodological work.


11. Assessment of students' knowledge is carried out according to the point-rating letter system. the system, according to which 60% is the current control, 40% is the final control.

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

13. The final control is carried out in two stages if the Standard program for the discipline provides for the reception of practical skills. When conducting a two-stage final control, the reception of practical skills is carried out by the OSPE method/OSE with the involvement of independent examiners. Students who are not certified in the first stage are not allowed to take the second stage of the exam – testing.

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14. Approval and revision			
Date of approval by the department	Protocol No. <u>12</u> <u>12.08.2021</u>	Head of the department PhD, ass.prof. Kulbayeva S.N.	Signature 
Date of approval by the EPC	Protocol No. <u>11</u> <u>08.06.2021</u>	Chairman of the EPC, DM, Acting professor Sadykova A. Sh.	Signature 

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"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>11</u> » <u>01</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>11</u> » <u>05</u> 20 <u>23</u>

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



(signature)

- prerequisites:

<div>ONTÜSTIK QAZAQSTAN MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ</div>		<div> SKMA — 1979 —</div>	<div>SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»</div>
Department of Obstetrics and gynecology			044-34/16
Working curriculum of the discipline (Syllabus)			25 page out of 25

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)