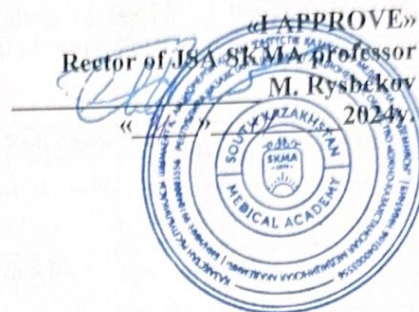


JSC "SOUTH KAZAKHSTAN MEDICAL ACADEMY"


«I APPROVE»
Rector of JSC SKMA Professor
M. Rysbekov




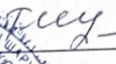

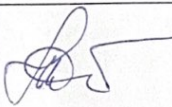
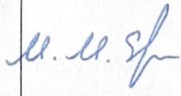
SOUTH KAZAKHSTAN
**MEDICAL
ACADEMY**


EDUCATIONAL RESIDENCY PROGRAM
7R01132
«OBSTETRICS AND GYNECOLOGY (FOR ADULTS, CHILDREN)»

Shymkent, 2024

ОНТҮСТІК ҚАЗАҚСТАН MEDISINA АКАДЕМИЯСЫ «Оңтүстік Қазақстан медицина академиясы» АҚ	 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казakhstanская медицинская академия»	044 -34/9 II page 1
Department of Obstetrics and Gynecology Educational program 7R01132 «Obstetrics and gynecology (for adults, children)»		

The educational program of the residency «Obstetrics and Gynecology (for adults, children)» was developed on the basis of the order of the Minister of Health of the Republic of Kazakhstan dated January 25, 2024 No. 46 "On approval of professional standards in the field of healthcare".

Post	Full name	Signature
Developed by		
Teaching staff of the Department of Obstetrics and Gynecology		
Head of the Department, PhD, Associate Professor	Kulbayeva S.N.	
Candidate of Medical Sciences, acting associate Professor	Tleuzhan R.T.	
Representative of practical healthcare The chief physician of the state municipal enterprise on the right of economic management "City maternity hospital",	Kenzhebayeva M.Z.	
Resident of the EP. «Obstetrics and Gynecology (for adults, children)»	Baimuradova L.E.	
Minutes of the department meeting № 7 «24» «01» 2024 y.		
It was discussed at the meeting of the residency EPC on surgical profiles. Chairman of the EPC № 5 «26» «01» 2024 y.	Kulbayeva S.N.	
Agreed at the Clinical Council Chairman of the Clinical Council № 8 «28» «01» 2024 y.	Kauzbai Zh.A.	
Agreed by the first Vice-rector of JSC SKMA The first vice-rector of JSC SKMA, PhD, Professor № «30» «01» 2024 y.	Yessirkepov M.M.	
Approved by the Academic Council № 14 «31» «01» 2024 y.		

ОНТҮСТІК ҚАЗАҚСТАН MEDISINA АКАДЕМИАСЫ «Оңтүстік Қазақстан медицина академиясы» АҚ		SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казakhstanская медицинская академия»
Department of Obstetrics and Gynecology Educational program 7R01132 Obstetrics and gynecology for adults, children	044 -34/29 13 page 2	

Passport of the educational program

1. The mission of the educational program: training of highly specialized and competitive Obstetricians and Gynecologists capable of self-improvement and conducting medical and scientific research.

2. The purpose of the educational program: Training of a highly qualified obstetrician-gynecologist, who has an extensive amount of theoretical knowledge, is able to successfully solve professional problems, and is able to conduct a differential diagnostic search.

3. Justification of the educational program:


- for a resident: obtaining continuous integrated medical education in the field of obstetrics and gynecology (adult, child). Upon completion of 3 years of residency training, the graduate will be awarded a diploma with the qualification of an obstetrician, gynecologist, adult, child.

- the need in the labor market: the provision of personnel with qualities such as high skill and professional perseverance, the necessary practical and theoretical knowledge, competence, observation and prudence, developed clinical thinking and passion.

4. The professional standard on the basis of which the educational program was developed

Regulatory documents for the development of an educational program

- Order of the Minister of Science and Higher Education of the Republic of Kazakhstan "On approval of State mandatory standards of higher and postgraduate education" dated 07/20/2022 No. 2 with amendments and additions dated February 20, 2023 №66;
- Order of the Minister of Health of the Republic of Kazakhstan "On approval of state mandatory standards for levels of education in the field of healthcare" dated 07.04.2022 № Ministry of Healthcare of the Republic of Kazakhstan - 63;
- Order of the Minister of Health of the Republic of Kazakhstan "On approval of standard training programs in medical and pharmaceutical specialties" dated 09.01.2023 №4;
- Order of the Vice Minister of Health of the Republic of Kazakhstan "On approval of the phased implementation of continuous integrated medical education" dated 08.08.2022 №661;
- Code of the Republic of Kazakhstan dated 07.07.2020 №360- VI "On the health of the people and the health care system" (with amendments and additions as of 04.07.2022);
- The Law of the Republic of Kazakhstan "On Education" dated 27.07.2007 №319-III, with amendments and additions dated 07.04.2022.
- Order of the Minister of Education and Science of the Republic of Kazakhstan dated 10.16.2013 №420 "On approval of Standard Rules for the activities of organizations of higher and (or) postgraduate education" with amendments and additions dated 29.12.2021.;
- Order of the Minister of Education and Science of the Republic of Kazakhstan dated 20.04.2011 №152 "On approval of the Rules for the organization of the educational process on credit technology of education" (with amendments and additions as of 05.06.2021)
- Order of the Minister of Health of the Republic of Kazakhstan dated 30.01.2008 №27 "On approval of the list of programs of continuous integrated education in clinical specialties" (with amendments and additions as of 14.05.2021;
- "On approval of Standard rules for the activities of educational organizations of appropriate types and types", Order of the Minister of Education and Science of the Republic of Kazakhstan dated 30.10.2018 №595 with amendments and additions dated 29.12.2021
- Professional standard "Obstetrics and Gynecology" Standard for the organization of obstetric and gynecological care in the Republic of Kazakhstan Order of the Ministry of

ONTUSTIK QAZAQSTAN MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ	 SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казакстанская медицинская академия»	044 -34/9 11 page 3
Department of Obstetrics and Gynecology Educational program 7R01132 «Obstetrics and gynecology (for adults, children)»		

Health of the Republic of Kazakhstan No. Ministry of Healthcare of the Republic of Kazakhstan 92 dated 08/26

2021. - "Guidelines for the development of educational programs of higher and postgraduate education" order of the Director of CBP AM No.45

o/d of the Ministry of Education and Science of the Republic of Kazakhstan dated June 30, 2021.

- "Regulations on the procedure and procedures for the development of educational programs" JSC "SKMA" dated 05/29/2019

- Internal regulatory documents of JSC "SKMA".

5. The field of professional activity is Healthcare The field of professional activity of graduates who have mastered the educational program 7R01132 Obstetrics and Gynecology (adults, children) includes the protection of women's health by providing obstetric and gynecological care to women, girls and girls.

6. Objects of professional activity Medical organizations providing inpatient and outpatient care, healthcare systems of the Republic of Kazakhstan

Objects of professional activity:

- organization of the health department;
- organization of education;
- organization of social protection;
- women, girls and girls;
- a set of tools and technologies aimed at creating conditions for the protection of the health of women, girls and girls.

Types of professional activity:

- therapeutic, preventive and diagnostic;
- organizational and managerial;
- scientific research.

General information

№	Characteristics of the educational program	Data
1.	Registration number	7R090100099
2.	Code and classification of the field of education	7R01 Healthcare (medicine)
3.	Code and classification of training areas	7R011 Healthcare
4.	Group of educational programs	R032 «Obstetrics and Gynecology (adults, children)»
5.	Name of the educational program	7R01132 «Obstetrics and Gynecology (adults, children)»
6.	Type EP	Updated educational program
7.	ISCED level	7
8.	NQL level	7
9.	GQL level	7
10.	Distinctive features of EP	Continuous integrated educational program
11.	List of competencies	KC 1 Medical knowledge: Synthesis of professional and scientific medical knowledge to provide qualified medical assistance

		<p>KC 2 Communication: Effectively interact with the patient, his environment, and healthcare professionals in order to achieve the best results for the patient</p> <p>KC 3 Clinical skills: Implementation of qualified medical care of the basic category of complexity. Defining a strategy for providing qualified medical care to the population of the second category of complexity</p> <p>KC 4 Professionalism: Coordination of activities in healthcare organizations. The ability to make decisions and be responsible for the result of providing qualified medical care</p> <p>KC 5 Personal and professional development: The ability to learn independently and train other members of a professional team, actively participate in discussions, conferences and other forms of continuous professional development</p> <p>KC 6 Regulatory and legal knowledge: The ability to act within the legal and organizational framework of the healthcare system of the Republic of Kazakhstan.</p> <p>KC 7 Research: The ability to research and evaluate the results of their professional activities, the application of principles of diagnosis of diseases based on scientific data. The application of modern research methods in healthcare, taking into account bioethics, and the introduction of clinical practice.</p>
12.	Learning outcomes	<p>LO1 Able to formulate a clinical diagnosis, prescribe a treatment plan and evaluate its effectiveness based on evidence-based practice at all levels of care for patients with diseases of the nervous system.</p> <p>LO2 Able to effectively interact with the neurological patient, his environment, and healthcare professionals in order to achieve the best results for the patient</p> <p>LO3 Able to assess risks and use the most effective methods to ensure a high level of safety and quality of medical neurological care.</p> <p>LO4 Able to act within the legal and organizational framework of the health system of the Republic of Kazakhstan with a degree in Obstetrics and gynecology (adult and children), provide basic assistance in emergencies, work as part of interprofessional teams to implement the nation's health promotion policy.</p>

		<p>LO5 Able to formulate adequate research questions, critically evaluate professional literature, effectively use international databases in their daily activities, participate in the work of the research team</p> <p>LO6 Able to study independently and train other members of the professional team, to actively participate in discussions, conferences and other forms of continuous professional development in the field of Obstetrics and gynecology.</p>
13.	Form of study	Full time
14.	Language of study	Kazakh and Russian
15.	Volume of credits	210
16.	Awarded academic degree	Doctor-obstetrician-gynecologist adults, children
17.	Availability of application to license for training	KZ22BFA00167288
18.	Accreditation of the OP	Yes
	Name of accreditation body	INDEPENDENT AGENCY FOR ACCREDITATION AND RATING
	Duration of accreditation	Residency 10.06.2022-09.06.27yy.
19.	Information about the disciplines	Appendix 1.2

Appendix 1.1

The matrix of correlation of learning outcomes according to the educational program as a whole with the competencies being formed

	LO1	LO2	LO3	LO4	LO5	LO6
KC1	+	+	+	+	+	+
KC2	+	+	+	+	+	+
KC3	+	+	+	+	+	+
KC4	+	+	+	+	+	+
KC5	+	+	+	+	+	+
KC6	+	+	+	+	+	+
KC7	+	+	+	+	+	+

Appendix 1.2

The matrix of achievability of competencies/learning outcomes

№	Name of the discipline	Short description	Number of credits	Formed LO									
				LO 1	LO 2	LO 3	LO 4	LO 5	LO 6				
CYCLE OF PROFILING DISCIPLINES													
Mandatory component													
1	Ambulatory obstetrics	Organization of obstetric care for pregnant and maternity women. Providing family	27		+	+							

		<p>planning and reproductive health services. Patronage of pregnant women and maternity hospitals. Examination of women of fertile age, prevention and detection of infections. Preventive examinations of women for the purpose of early detection of extragenital diseases.</p>							
2	Hospital obstetrics	<p>Organization of assistance to pregnant women, women in labor, maternity hospitals and newborns in hospital settings. Accounting and reporting documentation and medical information systems. Principles of evidence-based medicine in obstetrics. Management of pregnancy, childbirth and the postpartum period in accordance with clinical protocols. Resuscitation and intensive care for mothers. Examination of temporary disability for pregnancy and childbirth.</p>	63	+		+	+		
3	Ambulatory gynecology	<p>Diagnostics, treatment and prevention of diseases of the reproductive system. Examination and</p>	25			+	+		



		<p>treatment of gynecological patients. Medical examination, rehabilitation and spa treatment of gynecological patients. The implementation of small gynecologic operations with use of modern medical technologies. Ensuring continuity of interaction in the examination and treatment of pregnant women, maternity and gynecological patients. Examination of temporary disability for gynecological diseases.</p>							
4	Gynecology in the hospital	<p>Organization of work of a gynecological hospital. Indications and procedure for hospital admission. Modern scientific achievements in the field of gynecology. Provision of high-tech services in the conditions of mandatory social health insurance. Types of high-tech services in gynecology. Clinical protocols for the management of gynecological diseases. Reconstructive plastic surgery using high medical technologies.</p>	38	+		+	+		
5	Children's	Organization of	17			+	+	+	

	gynecology and sexual health	children's gynecology service in the Republic of Kazakhstan. Consultative, diagnostic and therapeutic assistance to girls with gynecological diseases and disorders of the reproductive system development up to 18 years. Medical examination of girls with gynecological diseases. Algorithm for diagnosis and treatment of girls with congenital malformations of the reproductive system. Diagnostic methods: ultrasound, MRI, ECG, EEG. Contraception for teenagers.						
6	Reproductive medicine and infertility	Legal regulation of reproductive health and family planning. Reproductive health policy for women in Kazakhstan Advising women on the prevention and treatment of sexually transmitted infections, health assessment, rehabilitation and treatment of patients. Diagnosis of the cause of infertility. Determination of risk factors, causes of infertility. Medical action. Assisted reproductive	17	+	+	+		

7	Oncogynecology	technology. Formation of groups of people at risk of developing oncogynecological diseases at the PHC level. Dynamic monitoring of oncogynecological patients. Selection and referral of cancer patients to hospital for specialized medical care, including high-tech medical services. Preventive examinations for early detection of oncogynecological diseases. Surgical treatment, treatment with antitumor drugs, radiation therapy, palliative care.	13		+	+		+	
CYCLE OF PROFILING DISCIPLINES									
Optional component									
8	Hysteroresectoscopy in gynecology	Early diagnosis and treatment of gynecological diseases using modern technologies. Removes adhesions, placenta remnants, intrauterine spiral, conduct a biopsy of suspicious areas of the uterine mucosa. Laparoscopic operations on the fallopian tubes and ovaries. Reconstructive plastic and organ-preserving operations.		+	+				+


9	Functional diagnostics in obstetrics and gynecology	Ultrasound diagnostics of the fetus and pelvic organs Dopplerometry in the «mother - placenta – fetus» system. Cardiotocography. Hystero-graphy. Electrocardiography in obstetrics. Prenatal diagnostics of congenital malformations and hereditary diseases of the fetus. Amnioscopy. Amniocentesis. Cordocentesis. Colposcopy. Hysteroscopy. Laparoscopy. Hysterosalpingography. Mammography. Colposcopy.	4			+		+	
10	Anesthesiology and resuscitation in obstetrics and gynecology	Providing anesthesiological and resuscitation care in obstetrics. Birth control. Intensive care for critical conditions in obstetrics and gynecology. Infusion-transfusion therapy in obstetrics and gynecology. Therapy of pregnant women with «sludge» in amniotic fluid in pregnant women. DIC-, HELLP-, antiphospholipid	4			+		+	

		syndrome. Determination of blood loss by hematocrit, by the modified Moore formula, by the Algover shock index.							
--	--	--	--	--	--	--	--	--	--

The matrix of achievement of LO by various teaching methods

LO (codes)	Teaching and learning methods
LO1 Able to formulate a clinical diagnosis, prescribe a treatment plan and evaluate its effectiveness based on evidence-based practice at all levels of care for patients with diseases of the nervous system.	Analysis of the material, feedback from the resident Modeling situations Maintaining medical records
LO2 Able to effectively interact with the neurological patient, his environment, and healthcare professionals in order to achieve the best results for the patient	A long-lasting case A reflective diary
LO3 Able to assess risks and use the most effective methods to ensure a high level of safety and quality of medical neurological care.	Supervision of clinical work
LO4 Able to act within the legal and organizational framework of the health system of the Republic of Kazakhstan with a degree in Obstetrics and gynecology (adult and children), provide basic assistance in emergencies, work as part of interprofessional teams to implement the nation's health promotion policy.	Standardized patients Video recordings (discussion, evaluation) Supervision of clinical work Maintaining medical records
LO5 Able to formulate adequate research questions, critically evaluate professional literature, effectively use international databases in their daily activities, participate in the work of the research team	"Magazine Club" Writing theses, articles Public appearances
LO6 Able to study independently and train other members of the professional team, to actively participate in discussions, conferences and other forms of continuous professional development in the field of Obstetrics and gynecology.	Observation

		Mandatory component	200	6000									
PD/	MC/	R-AO	Ambulatory obstetrics	27	810	162	526	122	27				Exam
		R-AG	Ambulatory gynecology	25	750	150	487	113	25				Exam
		R-RMI	Reproductive medicine and infertility	17	510	102	331	77			17		Exam
		R-HO	Hospital obstetrics	63	1890	378	1228	284	18	45			Exam
		R-GH	Gynecology in the hospital	38	1140	228	741	171		25	13		Exam
		R-PGSH	Pediatric gynecology and sexual health	17	510	102	331	77			17		Exam
		R-Onc	Oncogynecology	13	390	78	253	59			13		Exam
		Optional component	8	240	48	156	36			8			
OC/	R-HG	Hysteroressectoscopy in gynecology/	4	120	24	78	18			4		Exam	
		R-FDOG	Functional diagnostics in obstetrics and gynecology										
		R-AROG	Anesthesiology and resuscitation in obstetrics and gynecology/	4	120	24	78	18			4		Exam
	R-MPWC	Managing a pregnant woman / woman in labor with COVID-19											
		Total	208	6240	1244	4056	936						
IC	INTERMEDIATE CERTIFICATION												
FE	FINAL EXAMINATION		2	60						2		60	
		Total	210	6300	1244	4056	936	70	70	70		60	

ОНТҮСТІК ҚАЗАҚСТАН MEDISINA АКАДЕМИЯСЫ «Оңтүстік Қазақстан медицина академиясы» АҚ	 SKMA 1979	SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»	044 -34/29 13 page 1
Department of Obstetrics and Gynecology Educational program 7R01132 Obstetrics and gynecology for adults, children			

The educational program 7R01132 Obstetrics and gynecology for adults, children was developed by the members of the educational program 'in the Surgical direction'.

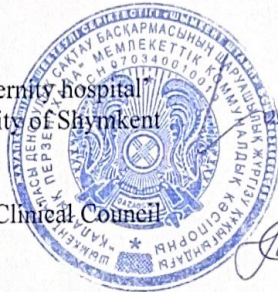
Chairman of the EP* on the Surgical direction*
 PhD, Associate Professor



Kulbayeva S.

Protocol № ___ of « ___ » « ___ » 202 y.

Agreed by the employer
 The chief physician of the
 SME on the right of EM 'City maternity hospital'
 Department of Healthcare of the City of Shymkent



Kenzhebaeva M.

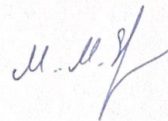
Discussed at the meeting of the Clinical Council
 Chairman of the Clinical Council,
 PhD, Associate Professor



Kauyzbai Zh.

Protocol № ___ of « ___ » « ___ » 202 y.

Agreed by the first Vice-rector of JSC SKMA
 The first vice-rector of JSC SKMA,
 PhD, Professor



Yessirkeпов M.

Protocol № ___ of « ___ » « ___ » 202 y.

Approved by the Academic Council

Protocol № ___ of « ___ » « ___ » 202 y.