

JSC "SOUTH KAZAKHSTAN MEDICAL ACADEMY"



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M. RYSBEKOV
2022y.



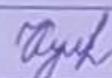
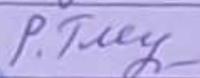
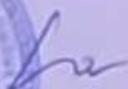
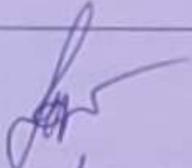
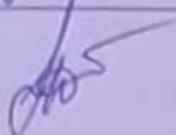
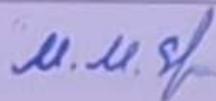
SOUTH KAZAKHSTAN
MEDICAL
ACADEMY

EDUCATIONAL RESIDENCY PROGRAM
7R01132

«OBSTETRICS AND GYNECOLOGY FOR ADULTS AND CHILDREN»

Chymkent 2022y.

The educational residency program 7R01132 «Obstetrics and gynecology for adults and children» updated according to the requirements of the Order Minister of Health of the Republic of Kazakhstan «On approval of the state compulsory standards of higher and postgraduate education» from July 4, 2022, the Ministry of Health of the Republic Kazakhstan N63.

Post	Full name	Signature
Developed by		
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Minutes of the department meeting № «12» «05» «09» «2022» y.		
Discussed at the meeting of the Residency CGP Chairman of the CGP Protocol № «5» «04» «01» «2022» y.	Kauzbai Zh.A.	
Agreed at the Clinical Council Chairman of the Clinical Council Protocol № «6» «05» «09» «2022» y.	Kauzbai Zh.A.	
Agreed by the first Vice-rector of JSC SKMA The first vice-rector of JSC SKMA, PhD, Professor № « » « » « » «2022» y.	Yessirkepov M.M.	
Approved by the Academic Council Protocol № «12» « » « » «2022» y.		

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

Passport of the educational program

1. The mission of the educational program:

To be a recognized leader in the field of training highly specialized competitive obstetrician-gynecologists.

2. The purpose of the educational program:

Training of a highly qualified specialist obstetrician-gynecologist who possesses an extensive amount of theoretical knowledge, is able to successfully solve professional problems, 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

- Professional standard "Obstetrics and Gynecology" (draft)
- Standard for the organization of obstetric and gynecological care in the Republic of Kazakhstan Order of the Ministry of Health of the Republic of Kazakhstan No. Ministry of Healthcare of the Republic of Kazakhstan 92 dated 26.08.2021y.

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 for adults and 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 Health (medicine)
3	Code and classification of training areas	7R011 Healthcare
4	Group of educational programs	R032 Obstetrics and gynecology for adults and children
5	Name of the educational program	7R01132 Obstetrics and gynecology for adults and 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	<p>KC 1 Medical knowledge: Synthesis of professional and scientific medical knowledge to provide qualified medical assistance</p> <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	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>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 Neuropathology, including children, provide basic assistance in emergency situations, 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 neurology.</p>
13	Form of study	Full time
14	Language of study	Kazakh and Russian
15	Volume of credits	210
16	Training period	3 years
17	Awarded academic degree	Obstetrics and gynecology for adults and children
18	Availability of application to license for training	KZ 36LAA00011387
19	Accreditation of the OP	Yes
	Name of accreditation body	IARR
	Duration of accreditation	№AB 3986 10.06.2022-09.06.27yy.
20	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					+	

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Appendix 1,2

The matrix of achievability of competencies/learning outcomes

№	Name of the discipline	Short description	Number of credits	CYCLE	Component	Formed LO
CYCLE OF PROFILING DISCIPLINES						
Mandatory component						
1	Ambulatory obstetrics	Organization of obstetric care for pregnant and maternity women. Providing family 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.	27	PD	MK	LO2 LO3
2	Hospital obstetrics	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.	63	PD	MK	LO1 LO3 LO4
3	Ambulatory gynecology	Diagnostics, treatment and prevention of diseases of the reproductive system. Examination and 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.	25	PD	MK	LO2 LO3
4	Gynecology in the hospital	Organization of work of a gynecological hospital. Indications and procedure for hospital admission. Modern scientific achievements in the field of gynecology.	38	PD	MK	LO1 LO3 LO4

		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.				
5	Children's gynecology and sexual health	Organization of 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.	17	PD	MK	LO2 LO3 LO4
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 technology.	17	PD	MK	LO3 LO4 LO5
7	Oncogynecology	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	PD	MK	LO2 LO3 LO5
CYCLE OF PROFILING DISCIPLINES						
Optional component						
8	Hystero resecto scopy 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.	4	PD	OK	LO1 LO2 LO6



		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. Cardiocography. 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.		PD	OK LO3 LO5
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 syndrome. Determination of blood loss by hematocrit, by the modified Moore formula, by the Alcover shock index.	4	PD	OK LO3 LO4
11	Managing a pregnant woman / woman in labor with COVID-19	Covid-19 diagnostic criteria. The standard definition of the COVID case is 19. COVID-19 severity criteria. Laboratory and instrumental research methods. Immunological diagnostic method COVID-19. Treatment. Algorithm of actions when COVID-19 is suspected in pregnant women, women in labor, and women in labor. Delivery algorithm with confirmed COVID-19 or suspected COVID-19.		PD	OK LO3 LO4 LO5

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

The matrix of compliance with LO assessment methods

LO (codes)	Assessment 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.	Testing Oral interview Essay (short and long) The short answer
LO2 Able to effectively interact with the neurological patient, his environment, and healthcare professionals in order to achieve the best results for the patient	OSCE (with Skill Check stations) Mini Clinical Exam Keeping diaries
LO3 Able to assess risks and use the most effective methods to ensure a high level of safety and quality of medical neurological care.	Analysis of records in the medical history Analysis of the records of the doctor's activities Analysis of prescribed treatments
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 Patient reviews Reviews from other residents Rating 360 ⁰
LO5 Able to formulate adequate research questions, critically evaluate professional literature, effectively use international databases in their daily activities,	Presentation Publications



participate in the work of the research team	
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.	Portfolio Clinical records Self-assessment

Work plan for the entire period of study

Cycle disciplines	Discipline code	Name of the discipline/ modules	Amount of credits	General hour/ Class room	RIC		1 year of study	2 year of study	3 year of study	The form control/	FE
					CPPH	RTIC					
PD/	CYCLE OF PROFILING DISCIPLINES		208	6240							
	Mandatory component		200	6000							
	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
	MC/ 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-One	Oncogynecology	13	390	78	253	59			13	Exam
	Optional component		8	240	48	156	36			8	
	R-HG	Hysteroscopy in gynecology/	4	120	24	78	18			4	Exam
	OC/ R-FDOG	Functional diagnostics in obstetrics and gynecology									
	R-AROG	Anesthesiology and resuscitation in obstetrics and gynecology/ Managing a pregnant	4	120	24	78	18			4	Exam



	R-MPWC	woman / woman in labor with COVID-19									
	Total		208	6240	12484056	936*					
IC	INTERMEDIATE CERTIFICATION										
FE	FINAL EXAMINATION		2	60					2		60
	Total		210	6300	12484056	936	70	70	70		60