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Khanty-Mansiysk Autonomous Okrug-Ugra

"Surgut State University"

Approved by

Deputy Rector for Academic Affairs

_____ E.V. Konovalova

“ 11 ” June 2026, Record No. 6

Perinatology Syllabus

Department	Obstetrics, gynecology and perinatology		
Curriculum	s310501-ЛечДелоИн-26-6.plx Specialty 31.05.01 General Medicine		
Qualification	General Practitioner		
Form of education	Full-time		
Total (in credits)	2		
Total academic hours	72	Control:11	
including:		Credit1 9	
Contact	30		
Self-study	42		

Course outline in terms

Academic year (Term)	11 (6.1)		Total	
	Weeks			
Types of classes	Cur	Syl	Cur	Syl
Lectures	10	10	10	10
Practical	20	20	20	20
Total practical.	30	30	30	30
Contact work	30	30	30	30
Self-study	42	42	42	42
Total	72	72	72	72

УП: s310501-ЛечДелоИн-26-6.plx

The program was compiled(and):

PhD, Head of Department, Belotserkovtseva L.D.; Doctor of Medicine
Medicine Science, Associate Professor, Mayer Yu.I.; Professor, Kudrir

The Syllabus

Perinatology

Developed in accordance with Federal State Educational Standard:

Federal State Educational Standard of higher education in the specialty 31.05.01 General medicine (Order of the Ministry of Education and Science of the Russian Federation on 12.08.2020 г. № 988)

Based on the Curriculum:

31.05.01 GENERAL MEDICINE

Specialization: General Medicine

Approved by the Academic Council of Surgut State University, “ 11 ” June 2026, Record No. 5

The Syllabus was approved by the department

Obstetrics, gynecology and perinatology

Head of Department, Doctor of Medicine, Professor Belotserkovtseva L.D.

1. COURSE OBJECTIVES	
1.1	The course aims at acquainting students with modern methods of diagnosing, treating and managing patients in the field of perinatology.

2. COURSE OVERVIEW	
Course code (in curriculum)	Б1.О.04.54
2.1	Assumed background knowledge:
2.1.1	Chemistry
2.1.2	Latin
2.1.3	Biology
2.1.4	Philosophy
2.1.5	Histology, Embryology, Cytology
2.1.6	Bioethics
2.1.7	Anatomy
2.1.8	Nominal Physiology
2.1.9	Biochemistry
2.1.10	Microbiology, Virology
2.1.11	Immunology
2.1.1	Pharmacology
2.2	Post requisites:
	Obstetrics and Gynecology

3. COMPETENCES UPON COMPLETION OF THE COURSE (MODULE)
PC 1.1 : Demonstrates knowledge in etiology, pathogenesis, diagnostic criteria (clinical - subjective, physical, laboratory, instrumental, identifies the patient's common pathological conditions, symptoms, disease syndromes and diagnoses nosological forms according to the International Statistical Classification of Diseases and Related Health Problems, X - XI revisions
PC 1.2 : Carries out diagnostics, evaluates the prognosis (short-, medium- and long-term course) of the disease, identifies acute complications and complications of chronic diseases
PC 3.1: Examines the patient (handle the patient's complaints, anamnesis, physical data based on the examination results, determines the necessary examination plan, evaluates the parameters of laboratory, instrumental, pathological and anatomical and other methods in order to diagnose diseases, assesses the prognosis (short-, medium- , long-term) of its course and outcomes
PC 3.2: Makes an initial and clinical diagnosis in accordance with the International Statistical Classification of Diseases and Health Problems X - XI revisions and current clinical classifications
PC 3.3: Carries out early and differential diagnostics of diseases
PC 3.4: Provides routing and management of patients based on the current legislation (standards, procedures for the provision of medical care, Clinical guidelines)
PC 5.1: Demonstrates knowledge of the mechanisms and methods applied in pharmacotherapy, medical nutrition, medical devices and methods of non-drug treatment, palliative and personalized medical care
PC 5.2: Provides various categories of patients with outpatient treatment, treatment in hospitals and high-tech medical care (HMC) centers applying drugs, medical devices and medical nutrition, according to clinical pattern and current procedures, standards of medical care, Clinical guidelines (treatment protocols)
PC 5.4: Demonstrates knowledge of side effects of drugs, methods and duration of their use; assesses the effectiveness and safety of pharmacotherapy, medical nutrition and non-drug treatment, medical nutrition of palliative care.

PC 8.2: Maintains medical documentation, including in electronic form

By the end of the course students must:

3.1	know:
3.1.1	rules of collecting complaints, anamnesis; in obstetrics and perinatology;
3.1.2	principles of treatment and emergency care for complications associated with pregnancy, childbirth and postpartum period.
3.1.3	industry standards for the volume of examination and treatment in obstetrics and perinatology complications associated with pregnancy, childbirth and postpartum period.
3.1.4	modern methods of clinical, laboratory and instrumental diagnostics of diseases;
3.2	be able to:
3.2.1	collect history; conduct a survey of the patient, conduct a physical examination of the patient, outline the volume of additional studies in accordance with the prognosis of the disease, to clarify the diagnosis and obtain a reliable result, to appoint (if indicated) laboratory and instrumental and other studies to clarify the diagnosis. If necessary, take material for laboratory (cytological, bacteriological, bacterioscopic examination), conduct an ultrasound examination of the small pelvis; refer a patient to specialists; interpret the results of the examination, make a preliminary diagnosis, formulate a clinical diagnosis, prescribe treatment, monitor its effectiveness, be able to promote a healthy lifestyle and prevent diseases; determine the indications for hospitalization and organize it; to keep medical records of various nature in medical organizations.
3.2.2	collect anamnesis ; conduct a survey of the patient, conduct a physical examination of the patient, interpret the results of the examination, make a preliminary diagnosis, formulate a clinical diagnosis, identify symptoms and syndromes requiring emergency care and provide it, use the necessary medical equipment and instruments (gynecological examination instruments, ultrasound and others
3.2.3	manage a physiological pregnancy; assist with childbirth
3.2.4	interpret the results of the survey, make a preliminary diagnosis, outline the volume of additional studies to clarify the diagnosis;
3.2.5	formulate a clinical diagnosis;
3.2.6	fill in the case record, write out prescriptions.

4. STRUCTURE AND CONTENTS

Class Code	Class Code	Class Code	Class Code	Class Code	Class Code	Class Code
	Раздел 1. Management of pregnant women in the antenatal period and identification of high-risk pregnancy groups					

1.1	Management of pregnant women in the antenatal period and identification of high -risk pregnancy groups /Лек/	11	2	PC-1.1 PC-1.2 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.1 PC-5.2 PC-5.4	L1.1L2.1L3.1 E1 E2 E3 E4 E5 E6	
1.2	Ultrasound diagnostics during pregnancy. Dopplerometry in obstetrics. Invasive methods for assessing the state of the fetus /Лек/	11	2	PC-1.1 PC-1.2 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.1 PC-5.2 PC-5.4	L1.1L2.1L3.1 E1 E2 E3 E4 E5 E6	
1.3	Intrauterine growth retardation /Лек/	11	2	PC-1.1 PC-1.2 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.1 PC-5.2 PC-5.4	L1.1L2.1L3.1 E1 E2 E3 E4 E5 E6	
1.4	Premature labour /Лек/	11	2	PC-1.1 PC-1.2 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.1 PC-5.2 PC-5.4	L1.1L2.1L3.1 E1 E2 E3 E4 E5 E6	
1.5	Modern approaches to the management of immunoincompatible pregnancy /Лек/	11	2	PC-1.1 PC-1.2 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.1 PC-5.2 PC-5.4	L1.1L2.1L3.1 E1 E2 E3 E4 E5 E6	
1.6	Management of pregnant women in the antenatal period and identification of high -risk pregnancy groups /Пр/	11	7	PC-1.1 PC-1.2 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.1 PC-5.2 PC-5.4	L1.1L2.1L3.1 E1 E2 E3 E4 E5 E6	
1.7	Management of pregnant women in the antenatal period and identification of high -risk pregnancy groups /Ср/	11	6	PC-1.1 PC-1.2 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.1 PC-5.2 PC-5.4	L1.1L2.1L3.1 E1 E2 E3 E4 E5 E6	
1.8	Ultrasound diagnostics during pregnancy. Dopplerometry in obstetrics. /Ср/	11	6	PC-1.1 PC-1.2 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.1 PC-5.2 PC-5.4	L1.1L2.1L3.1 E1 E2 E3 E4 E5 E6	
1.9	Invasive methods for assessing the state of the fetus /Ср/	11	6	PC-1.1 PC-1.2 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.1 PC-5.2 PC-5.4	L1.1L2.1L3.1 E1 E2 E3 E4 E5 E6	

1.10	Dopplerometry in obstetrics. Invasive methods for assessing the state of the fetus /Пп/	11	7	PC-1.1 PC-1.2 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.1 PC-5.2 PC-5.4 PC-8.2	L1.1L2.1L3.1 E1 E2 E3 E4 E5 E6	
1.11	Antenatal cardiology /Cp/	11	6	PC-1.1 PC-1.2 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.1 PC-5.2 PC-5.4 PC-8.2	L1.1L2.1L3.1 E1 E2 E3 E4 E5 E6	
1.12	Intrauterine growth retardation /Cp/	11	6	PC-1.1 PC-1.2 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.1 PC-5.2 PC-5.4 PC-8.2	L1.1L2.1L3.1 E1 E2 E3 E4 E5 E6	
1.13	Premature labour /Пп/	11	6	PC-1.1 PC-1.2 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.1 PC-5.2 PC-5.4 PC-8.2	L1.1L2.1L3.1 E1 E2 E3 E4 E5 E6	
1.14	Premature labour /Cp/	11	4	PC-1.1 PC-1.2 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.1 PC-5.2 PC-5.4 PC-8.2	L1.1L2.1L3.1 E1 E2 E3 E4 E5 E6	
1.15	Management of post term pregnancy /Cp/	11	4	PC-1.1 PC-1.2 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.1 PC-5.2 PC-5.4 PC-8.2	L1.1L2.1L3.1 E1 E2 E3 E4 E5 E6	
1.16	Modern approaches to the management of immunoincompatible pregnancy /Cp/	11	4	PC-1.1 PC-1.2 PC-3.1 PC-3.2 PC-3.3 PC-3.4 PC-5.1 PC-5.2 PC-5.4 PC-8.2	L1.1L2.1L3.1 E1 E2 E3 E4 E5 E6	

5. ASSESSMENT TOOLS**5.1. Tests and tasks**

Supplement 1

5.3. ASSESSMENT TOOLS

Supplement 1

6. COURSE (MODULE) RESOURCES**6.1. Recommended Literature****6.1.1. Core**

	Authors	Title	Publish., year	Quantity
L1.1	V.E. Radzinskiy, A.M. Fuks, Ch.G. Gagaev..	Obstetrics Режим доступа: https://www.studentlibrary.ru/book/ISBN9785970446836.html Ultrasound diagnostics in obstetrics and gynecology: guideline	М.: ГЭОТАР-Медиа, 2019.	1
L1.2	Radzinskiy V.E., Fuks A.M.	Gynecology [Электронный ресурс]: textbook Режим доступа: https://www.studentlibrary.ru/book/ISBN9785970457993.html	М. : ГЭОТАР-Медиа, 2020	1

6.1.2. Supplementary

	Авторы, составители	Title	Издательство, год	Колич-во
L2.1.	Radzinskiy V.E., Fuks A.M., Фукса А.М.)	Gynecology	electronic resource	1

6.3.1 Methodical development

	Authors	Title	Publish., year	Quantity
L3.1		Guide to Practical Classes in Obstetrics: Educational and Methodological Handbook. P. 1	electronic resource	1

6.2. Internet resources

Э2	FreeMedicalJournals
Э4	PubMedCentral
6.3.1 Software	
6.3.1.1	Operational system Microsoft, applied programs pack Microsoft Office
6.3.1.2	Internet access (Wi-Fi)
6.3.2 Information Referral systems	
6.3.2.1	E-data bases: RSL, Orbicon, Medline.
6.3.2.2	Student Consultant http://www.studmedlib.ru

7. LOGISTICAL SUPPORT OF THE DISCIPLINE (MODULE)

7.1	The lecture-type classroom is equipped with
7.2	Multimedia projector, screen, laptop, stationary chalkboard, standard educational furniture: tables, chairs
7.3	Practical classes, group and individual consultations, and routine monitoring are conducted in the classroom of the Khanty- Mansiysk Autonomous Okrug "Socomid" Address: Surgut, Prospekt Proletarsky, 15.
7.4	The premises of the BU KhMAO-Yugra "SOCCMiD" are equipped with equipment:
7.5	Portable projector; laptop; Tables; chairs; phantoms and functional interactive simulators:
7.6	A model of a female pelvis.
7.7	The model of childbirth.
7.8	Dolls for teaching the birth process.
7.9	Obstetric stethoscope.
7.10	The pelvic floor.
7.11	Classrooms of the MI SurGU simulation and training accreditation center, equipped with phantom and simulation equipment, laboratory tools and consumables in sufficient
7.12	quantities.
7.13	A pregnant woman's torso simulator with a fetus;
7.14	Obstetric simulator with a model of a female pelvis;
7.15	Delivery simulator with wireless monitoring module;
7.16	Simulator for clinical examination of the female pelvic organs;