

Документ подписан простой электронной подписью
Информация о владельце:
ФИО: Косенок Сергей Михайлович
Должность: ректор
Дата подписания: 18.07.2025 07:05:19
Уникальный программный ключ:
e3a68f3eaa1e62674b54f4998099d3d6bfdcf836

Khanty-Mansiysk Autonomous Okrug-Ugra
"Surgut State University"

Approved by
Deputy Rector for Academic Affairs

_____ E.V. Konovalova

June 11, 2025, Record №5

Practical Obstetrics and Gynecology Syllabus

Assigned to the Department **Obstetrics, Gynecology and Perinatology**

Curriculum s310501-ЛечДелоИн-25-6.pli.xml

Specialty 31.05.01 General Medicine

Qualification **General Practitioner**

Form of education **Full-time**

Total (in credits) **3**

Total academic hours 108

including:

Classes 60

Self-study 48

Control:

Credit, 12th term

Course outline in terms

Academic year (Term)	12 (6.2)		Total	
Weeks	17 2/6			
Type of classes	UP	RP	UP	RP
Practical	60	60	60	60
Total classes	60	60	60	60
Contact	60	60	60	60
Self-study	48	48	48	48
Total	108	108	108	108

The Syllabus is compiled by:

Doctor of Medicine, Professor, Pankratov V. V.; PhD in Medical Sciences, Associate Professor, Mayer Yu. I.; PhD in Medical Sciences, Associate Professor, Ivannikov S. Ye.; PhD in Medical Sciences, Associate Professor, Mordovina I. I.

The Syllabus

Practical Obstetrics and Gynecology

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 February 9, 2016 No. 95)

Based on the Curriculum:

31.05.01 GENERAL MEDICINE

Specialization: General Medicine

Approved by the Academic Council of Surgut State University, June 11, 2025, 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 main goal of mastering the course is the clinical training of the student: the development of clinical thinking in the diagnosis of obstetric and gynecological pathology, differential diagnosis of diseases, determination of treatment tactics, and mastery of practical skills necessary for independent clinical practice.
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2. COURSE OVERVIEW

Course code (in curriculum)	B1. B
2.1 Assumed background	
2.1.1	Obstetrics and Gynecology
2.2 Post-requisite courses and practice	
2.2.1	Preparation for and passing the State examination
2.2.2	Functional diagnostics

3. COMPETENCES UPON COMPLETION OF THE COURSE (MODULE)

PC-2: ability and readiness to conduct preventive medical examinations, dispensary check-ups, and to carry out dispensary monitoring

PC-6: ability to determine the patient's main pathological conditions, symptoms, syndromes of diseases, nosological forms in accordance with the International Statistical Classification of Diseases and Related Health Problems, 10th revision

PC-8: ability to determine management tactics for patients with various nosological forms

By the end of the course students must:

3.1 Know:	
3.1.1	Principles of dispensary observation for various age, gender, and social groups of the population, and patient rehabilitation.
3.1.2	Risk factors, genetic predisposition to the development of oncological diseases of the reproductive organs in women, current statistical incidence rates in Russia and the region.
3.1.3	Sector-specific standards for the scope of examinations and treatment in obstetrics, gynecology, and perinatology.
3.1.4	Techniques and methods of anesthesia; basics of infusion-transfusion therapy and resuscitation in obstetrics, gynecology, and neonatology.
3.1.5	Fundamentals of pharmacotherapy in obstetrics and gynecology, and the impact of medications on the fetus and newborn.
3.1.6	Principles of preoperative preparation and postoperative management of patients, prevention of complications.
3.2 Be able to:	
3.2.1	Collect medical history;
3.2.2	Conduct a physical examination of the patient;
3.2.3	Perform a gynecological examination;
3.2.4	Refer to specialists for consultation;
3.2.5	Formulate a preliminary diagnosis and establish a clinical diagnosis;
3.2.6	Identify risk groups in obstetric and gynecological practice;
3.2.7	- Promote a healthy lifestyle and disease prevention;
3.2.8	Use necessary medical equipment and instruments (anthropometric set, tools for gynecological examination, colposcope);
3.2.9	Analyze the effectiveness of dispensary monitoring, prepare an annual work report, and analyze this work;
3.2.10	Maintain various types of medical documentation in healthcare organizations;
3.2.11	Based on the results of general and gynecological examinations, as well as additional diagnostic methods, determine the preliminary diagnosis and plan patient routing in emergency situations in gynecology;

3.2.12	Interpret laboratory and instrumental research results in obstetrics and gynecology;
3.2.13	Make a diagnosis according to the International Classification of Diseases based on data from primary and additional research methods;
3.2.14	Conduct primary and additional diagnostic methods to clarify the diagnosis in obstetric and gynecological practice

4. STRUCTURE AND CONTENT OF THE DISCIPLINE (MODULE)							
Class Code	Topics / Class type	Term / Academic year	Academic hours	Competences	Literature	Interactive	Notes
	Section 1. Practical obstetrics and Gynecology						
1.1	Transportation of pregnant women in emergency situations. / Lec /	12	1	PC-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4		
1.2	Blood diseases and pregnancy. /Lec /	12	1	PC-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4		
1.3	Appendicitis and pregnancy. Kidney diseases and pregnancy /Lec /	12	2	PK-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4		
1.4	Rehabilitation of gynecological patients in outpatient settings. Preconception preparation. /Lec /	12	2	PC-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4		
1.5	Chronic pelvic pain /Lec/	12	2	PC-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4		
1.6	Benign breast dysplasia. Clinical protocol. / Lec /	12	2	PC-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4		
1.7	Methods of examination in obstetrics and gynecology. /Pr/	12	4	PC-2 PC-6	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4		
1.8	Methods of examination in obstetrics and gynecology. / Self-study /	12	6	PK-2 PK-6	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4		
1.9	Clinical protocol for the managing normal labor. /Pr/	12	4	PC-2 PC-6	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4		
1.10	Clinical protocol for managing normal labor. / Self-study /	12	6	PC-2 PC-6	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4		
1.11	Simulation class: Normal labor /Pr/	12	4	PC-2 PC-6	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4		
1.12	Simulation class: Normal labor / Self-study /	12	6	PC-2 PC-6	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4		
1.13	Clinical protocol for hypertensive disorders during pregnancy /Pr/	12	6	PC-2 PC-6 PC-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4		
1.14	Clinical Protocol for hypertensive disorders during pregnancy / Self-study /	12	6	PC-2 PC-6 PC-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4		

1.15	Simulation class: Eclampsia. Fetal distress /Pr/	12	6	PC-2 PC-6 PC-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4	
1.16	Simulation class: Eclampsia. Fetal distress / Cp /	12	4	pcs-2 pcs-6 PCS-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4	
1.17	Clinical protocol: Obstetric hemorrhages /Pr/	12	6	PC-2 PC-6 PC-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4	
1.18	Clinical protocol: Obstetric hemorrhages/ Self-study /	12	3	pcs-2 pcs-6 pcs-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4	
1.19	Obstetric hemorrhages. Simulation class. /Pr/	12	6	pcs-2 pcs-6 PCS-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4	
1.20	Obstetric hemorrhages. Simulation class. / Self-study /	12	4	pcs-2 pcs-6 pcs-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4	
1.21	EHG and pregnancy. /Pr/	12	6	pcs-2 pcs-6	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4	
1.22	EHG and pregnancy. / Self-study /	12	3	pcs-2 pcs-6 PCS-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4	
1.23	Rehabilitation of gynecological patients in outpatient settings. Preconception preparation. /Pr/	12	6	pcs-2 pcs-6 PCS-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4	
1.24	Rehabilitation of gynecological patients in outpatient settings. Preconception preparation. / Self-study /	12	2	PCs-2 pcs-6 PCS-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4	
1.25	Solving emergency cases in obstetrics and gynecology /Pr/	12	6	PC-6 PC-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4	
1.26	Solving emergency cases in obstetrics and gynecology / Self-study /	12	4	PC-6 PC-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4	
1.27	/Test/	12	0	PC-2 PC-6 PC-8	L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4	Report
1.28	/Credit/	12	0		L1.1 L1.2 L2.1 L2.2 L3.1 E1 E2 E3 E4	Oral quiz

5. ASSESSMENT TOOLS	
5.1. Assessment tools for midterm assessment	
Presented by a single document	
5.2. Assessment tools for diagnostic testing	
Presented by a single document	

6. COURSE (MODULE) RESOURCES				
6.1. Recommended literature				
6.1.1. Supplementary				
	Authors	Title	Publisher, year	Quantity
L1. 1	Radzinsky V. E.	Gynecology	Moscow: GEOTAR-Media, 2019, Access: electronic resource	1
L1. 2	Aylamazyan E. K.	Obstetrics	Moscow: GEOTAR-Media, 2022, Access: electronic resource	1
6.1.2. Supplementary				
	Authors	Title	Publisher, year	Quantity
L2. 1	Kaptilny V. A., Berishvili M. V., Murashko A.V.	Obstetrics and gynecology. Practical skills and abilities with a phantom course	Moscow: GEOTAR-Media, 2016, Access: electronic resource	1
L2. 2	Baimishev Kh . B., Baimishev M. Kh	Obstetrics and gynecology	Samara: SamGAU, 2021, Access: electronic resource	1
6.1.3. Methodological developments				
	Authors	Title	Publisher, year	Quantity
L3. 1	Belotserkovtseva L. D., Kasparova A. E., Mayer Yu. I., Mirzoeva G. T., Konchenkova E. N.	Habitual pregnancy loss	Surgut: Surgut State University Publishing Center, 2014	92
L3.2	Belotserkovtseva L. D., Kasparova A. E., Kovalenko L. V., Mordovina I. I., Konchenkova E. N.	The mother-placenta-fetus system. Placental insufficiency and intrauterine pathology of the fetus	Surgut: Surgut State University Publishing Center, 2016	50
L3.3	Belotserkovtseva L. D., Kovalenko L. V., Konchenkova E. N., Kasparova A. E., Mayer Yu . I., Vasechko T. M., Mordovina I. I.	Pregnancy and diseases of the endocrine system	Surgut: Surgut State University Publishing Center, Access: electronic resource	1
L3. 4	Belotserkovtseva L. D., Mayer Yu. I., Konchenkova E. N., Mordovina I. I.	Pharmacological therapy in obstetrics and gynecology	Surgut: Surgut State University Publishing Center, 2019	30
L3. 5	Belotserkovtseva L. D., Konchenkova E. N., Shishanok O. Y.	Obstetrics and gynecology: situational tasks	Surgut: Surgut State University Publishing Center 2019, Access: electronic resource	1
6.2. Internet resources				
E1	National Center for Biotechnology Information			
E2	Medline			
E3	STUDMEDLIB			

E4	RUSMEDSERVIS
6.3.1 Software	
6.3.1.1	Microsoft Windows Operational System, Microsoft Office applied programs pack
6.3.2 Information Referral systems	
6.3.2.1	http://www.garant.ru , information and legal portal
6.3.2.2	http://www.consultant.ru Legal reference system Consultant Plus

7. MATERIAL AND TECHNICAL SUPPORT OF DISCIPLINE (MODULE)	
7.1	<p>The lecture hall for conducting lecture-type sessions is equipped with a multimedia projector, a screen, a laptop, a stationary blackboard for chalk, and standard educational furniture: desks and chairs.</p> <p>Practical classes, group and individual consultations, and ongoing assessments are conducted in the training room of Khanty-Mansi Autonomous Okrug – Ugra «СОКЦОМнД»</p> <p>Address: Surgut, Proletarsky Avenue, 15.</p> <p>Rooms of the State Budget Institution of Khanty-Mansi Autonomous Okrug – Ugra «СОКЦОМнД» are equipped with:</p> <p>a portable projector, a laptop, desks, chairs</p> <p>Phantoms and functional interactive simulators:</p> <ul style="list-style-type: none"> - Female pelvis model - Delivery model - Birth process dolls for teaching - Obstetric stethoscope - Pelvimeter
7.2	<p>The simulation training accreditation center auditoriums of Medical Institute of Surgut State University are equipped with phantom and simulation equipment, laboratory tools, and consumables in sufficient quantities:</p> <ul style="list-style-type: none"> - Pregnant woman torso simulator with fetus - Obstetric trainer with female pelvis model - Delivery simulator with wireless monitoring module - Trainer for clinical examination of female pelvic organs - Pelvimeter - Obstetric stethoscope - Centimeter tape - Vaginal mirrors - Library of assessment checklists - Tools and consumables in quantities that allow students to acquire skills and competencies related to their professional activities - Breast examination simulator