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

Approved by
 Deputy Rector for Academic

_____ E.V. Konovalova

13 june 2024, Record №5

Perinatology

Syllabus

Department: Obstetrics, gynecology and perinatology
 Curriculum: s310501-ЛечДелоИн-24-5.plx
 Speciality: 31.05.01 General Medicine
 Qualification: **General Practitioner**
 Form of education: Full-time

Total academic hours	72	Total (in credits):	
Including:		Credits 10	
Contact	48		
Self-study	24		

Distribution of hours of discipline per semester

Academic year (Term)	10 (5.2)		Total	
	Cur	Syl	Cur	Syl
Weeks	16 4/6			
Lectures	16	16	16	16
Practical	32	32	32	32
Interactive	48	48	48	48
Contact	48	48	48	48
Self-study	24	24	24	24
Total	72	72	72	72

The Syllabus is compiled by:

Doctor of medicine, Professor, Belotserkovtseva L.D.; PhD, Associate Professor, Majer Y.I.; Teacher Kudrinskih I.A.; Teacher., Keldasova M.R.

The Syllaburs

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 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, “ 13 ” june 2024, Record №5

The Syllabus was approved by the department

Obstetrics, gynecology and perinatology

Deputy of the department, 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.
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2. COURSE OVERVIEW

Course code (in curriculum)	B1.V.DV.02
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	Hominal Physiology
2.1.9	Biochemistry
2.1.10	Microbiology, Virology
2.1.11	Immunology
2.1.12	Pharmacology
2.1.13	Pathologic Anatomy
2.1.14	Clinical Pathologic Anatomy
2.1.15	General Surgery, X-ray Diagnostics
2.1.16	Internal Diseases Propaedeutics, X-Ray Diagnostics
2.1.17	Public health and health care, Economy of Public Health
2.2 Post requisites:	
2.2.1	Obstetrics and Gynecology

3. COMPETENCES UPON COMPLETION OF THE COURSE (MODULE)

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

PC-5: readiness to collect and analyze the patient's complaints, his medical history, examination results, laboratory, instrumental, pathological-anatomical and other studies in order to recognize the condition or establish the presence or absence of the disease

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

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;
3.1.5	
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	Part and topic /class type/	Term / Ac. year	Academic hours	Competences	Literature	Interactive
	Section 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 /Lec/	10	2	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.2	Ultrasound diagnostics during pregnancy. Dopplerometry in obstetrics. Invasive methods for assessing the state of the fetus /Lec/	10	2	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.3	Antenatal cardiology /Lec/	10	2	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.4	Invasive methods for assessing the state of the fetus during pregnancy /Lec/	10	2	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	

1.5	Intrauterine growth retardation /Lec/	10	2	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.6	Premature labour /Lec/	10	2	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.7	Management of post term pregnancy /Lec/	10	2	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.8	Modern approaches to the management of immunoincompatible pregnancy /Lec/	10	2	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.9	Management of pregnant women in the antenatal period and identification of high - risk pregnancy groups /Pr/	10	4	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.10	Management of pregnant women in the antenatal period and identification of high - risk pregnancy groups /Ss/	10	2	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.11	Ultrasound diagnostics during pregnancy. Dopplerometry in obstetrics. Invasive methods for assessing the state of the fetus /Pr/	10	4	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.12	Ultrasound diagnostics during pregnancy. Dopplerometry in obstetrics. Invasive methods for assessing the state of the fetus /Ss/	10	2	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.13	Antenatal cardiology /Pr/	10	4	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.14	Antenatal cardiology /Ss/	10	2	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.15	Invasive methods for assessing the state of the fetus during pregnancy /Pr/	10	4	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.16	Invasive methods for assessing the state of the fetus during pregnancy /Ss/	10	2	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.17	Intrauterine growth retardation /Pr/	10	4	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.18	Intrauterine growth retardation /Ss/	10	4	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.19	Premature labour /Pr/	10	4	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.20	Premature labour /Ss/	10	2	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.21	Management of post term pregnancy /Pr/	10	4	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.22	Management of post term pregnancy /Ss/	10	2	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.23	Modern approaches to the management of immunoincompatible pregnancy /Pr/	10	4	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.24	Modern approaches to the management of immunoincompatible pregnancy /Ss/	10	8	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.25	Control work /Control /	10	0	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	
1.26	Credit	10	0	PC-5 PC-6 PC-8	L1.1L2.1 E1 E2 E3 E4 E5 E6	

5. ASSESSMENT TOOLS	
5.1. Tests and tasks	
Presented separately document	
5.2. Topics for written papers	
Presented separately document	

6. COURSE (MODULE) RESOURCES				
6.1. Recommended Literature				
6.1.1. Core				
	Authors	Title	Publish., year	Quantity
L1.1	Radzinskiy V.E., Fuks A.M., Gagaev Ch.G.	Obstetrics: book	Moscow: GEOTAR-Media, 2018, electronic resource	2
6.1.2. Supplementary				
	Authors	Title	Publish., year	Quantity
L2.1	Radzinskiy V.E., Fuks A.M., Фукса А.М.)	Gynecology: book	Moscow: GEOTAR-Media, 2020, electronic resource	2
6.2. Internet resources				
E1	Student Consultant http://www.studmedlib.ru			
E2	VINITI http://www.viniti.ru/			
E3	Medline http://www.medline.ru/			
E4	PubMedCentral http://www.ncbi.nlm.nih.gov/pubmed/			
E5	Clinical guidelines. Obstetrics and gynecology https://prof.ncagp.ru/index.php?_t8=85			
E6	Russian State Library https://www.rsl.ru/en			
6.3.1 Software				
6.3.1.1	Microsoft Windows operating system, a Microsoft Office application package			
6.3.2 Information Referral systems				
6.3.2.1	Guarantor-information-legal portal. https://www.garant.ru/ ConsultantPlus - reliable legal support. https://www.consultant.ru/			

7. MATERIAL AND TECHNICAL SUPPORT OF 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;
7.17	The pelvic floor;
7.18	Obstetric stethoscope;
7.19	Centimeter tape;
7.20	Vaginal mirrors;
7.21	Library of assessment sheets
7.22	Tools and consumables in an amount that allows students to master the skills and abilities provided for by professional activity.
7.23	A simulator for breast examination.