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Deputy Rector for Academic
_____ E.V. Konovalova

13 June 2024, Record №5

Oncogynecology

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		
Weeks	16 4/6			
Types of classes	Cur	Syl	Cur	Syl
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

Oncogynecology

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 aim of the course is to enlarge the knowledge of gynecology in order to help gynecological patients.
1.2	The objective is to realize the principles of oncological alertness, aimed at identifying and correcting precancerous diseases, diagnosing and treating malignant tumors of the female reproductive system.
1.3	Students of the medical institute continue to enlarge the knowledge of gynecology as their core, mastering the most relevant, modern and complex issues of the oncogynecology section during compulsory education.

2. COURSE OVERVIEW

Course code (in curriculum)	B1.V.DV.02
2.1 Assumed background knowledge:	
2.1.1	Chemistry
2.1.2	Psychology and pedagogy
2.1.3	Latin
2.1.4	Biology
2.1.5	Philosophy
2.1.6	Histology, embryology, cytology
2.1.7	Bioethics
2.1.8	Anatomy
2.1.9	Hominal physiology
2.1.10	Biochemistry
2.1.11	Microbiology, virology
2.1.12	Pharmacology
2.1.13	Internal Diseases Propaedeutics, X-Ray Diagnostics
2.1.14	General surgery, radiation diagnosis
2.1.15	Immunology
2.1.16	Pathologic anatomy
2.1.17	Clinical pathologic anatomy
2.1.18	Pathophysiology
2.1.19	Obstetrics and gynecology
2.2 Post requisites:	
2.2.1	Obstetrics
2.2.2	Pediatric gynecology

3. COMPETENCES UPON COMPLETION OF THE COURSE (MODULE)

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-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-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	- Diagnostic methods, diagnostic capabilities of the examining methods of the patients with a therapeutic or surgical profile; modern methods of clinical, laboratory, instrumental examination of patients.
3.1.2	- Risk factors, genetic predisposition to the occurrence of cancer diseases of the female reproductive system, statistical current incidence rates in the Russian Federation and the region.
3.1.3	- Industry standards of examination and treatment in obstetrics, gynecology and perinatology.
3.1.4	- Clinical symptoms of benign and malignant tumors of the female reproductive system, their diagnosis, treatment and prevention.
3.1.5	- Clinical symptoms, diagnosis, treatment and prevention of precancerous diseases.
3.1.6	- General and special methods of research in gynecology. Fundamentals of endoscopy, x-ray radiology in the diagnosis and treatment.
3.1.7	- The role and purpose of biopsy, morphohistological research in gynecology.
3.1.8	- Methods of pain relief; fundamentals of infusion-transfusion therapy and recovery in gynecology.
3.1.9	- Basics of pharmacotherapy in gynecology.
3.1.10	- Principles of preoperative preparation and postoperative management of patients, prevention of complications.
3.2 Be able to:	
3.2.1	- Take down the anamnesis; conduct a physical examination of the patient; schedule additional examinations in accordance with the prognosis of the disease; clarify the diagnosis and obtain reliable results.
3.2.2	- On the basis of the obtained results of the general, gynecological examination, apply additional methods of examination; determine the presumptive oncological diagnosis and determine the patient's routing in Case - study of suspected or revealed cancer.
3.2.3	- Interpret the results of laboratory and instrumental methods of research.
3.2.4	- State a diagnosis according to the International Classification of Diseases based on the data of the main and additional examinations; determine the stage of tumor growth.
3.2.5	- Conduct basic and additional examinations to clarify the diagnosis.

4. STRUCTURE AND CONTENTS

Class Code	Part and topic /class type/	Term / Ac. year	Academic hours	Competences	Literature	Interactive
	Section 1. Introduction to Oncogynecology. Organization of oncological service in Russia.					
1.1	Introduction to Oncogynecology. Organization of oncological service in Russia. /Lec/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
1.2	Multiple malignant tumors of the reproductive system. Reproductive function and oncogynecology /Lec/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	

1.3	The organization of work of oncogynecological service in the Russian Federation. The role of gynecologist in early diagnostics cancer of the reproductive system /Pr/	10	4	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
1.4	The organization of work of oncogynecological service in the Russian Federation. The role of gynecologist in early diagnostics cancer of the reproductive system /Ss/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
1.5	Multiple malignant tumors of the reproductive system. Reproductive function and oncogynecology /Ss/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
Section 2. Radiation methods and biological markers in the diagnosis of oncologic diseases of the reproductive system. Principles of treatment and rehabilitation of oncologic patients						
2.1	Radiation methods and biological markers in the diagnosis of oncologic diseases of the reproductive system /Lec/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
2.2	Radiation methods and biological markers in the diagnosis of oncologic diseases of the reproductive system /Ss/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
2.3	Principles of treatment and rehabilitation of oncologic patients /Ss/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
Section 3. Precancer and cervical cancer, and reproductive health of women. Endometrial hyperplastic processes. Endometrial cancer						
3.1	Pathology of the cervix. Precancer and cervical cancer /Lec/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
3.2	Endometrial hyperplastic processes. Endometrial cancer /Lec/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
3.3	Endometrial hyperplastic processes. Endometrial cancer /Pr/	10	4	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
3.4	Endometrial hyperplastic processes /Ss/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
3.5	Endometrial cancer /Ss/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
3.6	Cervical intraepithelial neoplasia. Precancerous conditions of the cervix and cervical cancer /Pr/	10	4	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
3.7	Cervical intraepithelial neoplasia. Precancerous conditions of the cervix and cervical cancer /Ss/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
Section 4. Benign tumors and ovarian tumor formation. Ovarian cancer						

4.1	Tumors and tumor-like formations of the ovaries /Lec/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
4.2	Tumors and tumor-like formations of the ovaries /Pr/	10	4	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
4.3	Tumors and tumor-like formations of the ovaries /Ss/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
4.4	Ovarian cancer /Ss/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
Section 5. Trophoblastic disease. Malignant tumors and pregnancy						
5.1	Trophoblastic disease /Lec/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
5.2	Malignant tumors and pregnancy /Lec/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
5.3	Trophoblastic disease /Pr/	10	4	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
5.4	Trophoblastic disease /Ss/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
5.5	Malignant tumors and pregnancy /Pr/	10	4	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
5.6	Malignant tumors and pregnancy /Ss/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
5.7	Breast cancer /Pr/	10	4	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
5.8	Breast cancer /Ss/	10	2	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
5.9	Test lesson /Pr/	10	4	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
5.10	Control work /Control /	10	0	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 E1 E2 E3 E4 E5 E6	
5.11	Credit	10	0	PC-5 PC-6 PC-8	L1.1 L1.2L2.1 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., Фукса А.М.)	Gynecology: book	Moscow: GEOTAR-Media, 2020, electronic resource	2
L1.2	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	Kira E.F.	The basic questions of oncogynecology	Moscow: GEOTAR-Media, 2018, electronic resource	1
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 "SOCCMiD" Address: Surgut, Prospekt Proletarsky, 15.
7.4	The premises of the BU Khanty-Mansiysk Autonomous Okrug "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	Classrooms of the MI SurGU simulation and training accreditation center, equipped with phantom and simulation equipment, laboratory tools and consumables in sufficient quantities.
7.8	Simulator for clinical examination of the female pelvic organs;
7.9	Vaginal mirrors;
7.10	Library of assessment sheets
7.11	Tools and consumables in an amount that allows students to master the skills and abilities provided for by professional activity.
7.12	A simulator for breast examination.