

MINISTRY OF HEALTH OF UKRAINE
KHARKIV NATIONAL MEDICAL UNIVERSITY
Department of Obstetrics and Gynecology №1
Academic year 2021-2022

SYLLABUS OF THE EDUCATIONAL COMPONENT

«Obstetrics and gynecology»

(the name of the educational component)

Normative or selective educational component normative

Form of education full-time
(full-time, correspondence; distance)

Branch of knowledge 22 «Health care»
(шифр і назва галузі знань)

Specialty «222 «Medicine»
(шифр і назва спеціальності)

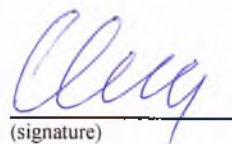
Educational and professional program "Medicine", Second (master's) level of higher education

Course 6

The syllabus of the discipline was considered at the meeting of the Department of Obstetrics and Gynecology №1

Protocol of August "27" 2021 № 18

Head of Department


(signature)

M.O.SHCHERBINA
(initials, surname)

Approved by the methodical commission of KhNMU on problems of surgical profile

Protocol of August "30" 2021 № 1

Head


(signature)

V. O.Syplyvy
(initials, surname)

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2. Kuzmina Olga Alexandrovna, Associate Professor of Obstetrics and Gynecology №1, Associate Professor, Candidate of Medical Sciences

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Link to the profile of the department on the university website:
<https://knmu.edu.ua/departments/kafedra-akusherstva-ta-ginekologiyi-1>

Link to the profile of the department in the Moodle system:
<http://distance.knmu.edu.ua/course/index.php?categoryid=36> Location: MNCE RRC "RCPC" (Malinovsky St., 4), Regional Center for Clinical Medicine (Constitution Square, 21).

INTRODUCTION

The syllabus of the discipline "Obstetrics and Gynecology" is compiled in accordance with the educational-professional program (hereinafter - OPP) "Medicine" and the Standard of Higher Education of Ukraine (hereinafter - the Standard), the second (master's) level, field of knowledge 22 "Health", specialty "222" Medicine ".

Description of the discipline (abstract). The current state of the demographic situation in Ukraine requires a doctor of any specialization in-depth study of women's reproductive health and family planning. The teaching of obstetrics and gynecology at the medical faculty should be inextricably linked with the future specialization. The ultimate goals of the discipline include the acquisition of knowledge and skills in terms of solving professional problems. The structure of the program corresponds to the curriculum of the discipline. The content of the program is regulated in accordance with the clinical protocols for obstetric care of the Ministry of Health of Ukraine. Thematic plans are focused on the development of higher education students in the most important sections of physiological obstetrics and perinatology, urgent obstetric and gynecological complications, perinatal medicine and deontological, ethical and legal aspects of obstetric and gynecological care. Basic medical training of doctors in the specialty "Obstetrics and Gynecology" is carried out during 4-6 years of study.

The subject of study of the discipline is "obstetrics and gynecology".
Interdisciplinary links: based on the knowledge gained by higher education students in the study of medical biology, normal and pathological anatomy, topographic anatomy, normal and pathological physiology of the female reproductive system, histology, cytology and embryology, pharmacology and integrated with these disciplines.

Prerequisites: medical biology, normal and pathological anatomy, topographic anatomy, normal and pathological physiology of the female reproductive system, histology, cytology and embryology, pharmacology.

Postrequisites surgery, general practice (family medicine), infectious diseases, oncology and radiation medicine, pediatrics, emergency and urgent medical care, clinical pharmacology, reproductive medicine, forensic medicine.

Link to the discipline page in MOODLE
<http://distance.knmu.edu.ua/course/index.php?categoryid=36>

1. PURPOSE AND TASKS OF THE COURSE

1.1. The purpose of studying the discipline is acquisition of knowledge in pathological obstetrics and gynecology; mastering the principles of pregnancy, childbirth and the postpartum period; acquisition of knowledge in conservative and operative gynecology; ability to analyze obstetric and gynecological situation; use clinical-laboratory and special research methods; demonstrate skills and abilities according to the educational-professional program (EPP).

1.2. The main objectives of the discipline are planning tactics of pregnancy, physiological childbirth and the postpartum period, establishing a preliminary diagnosis of complications of pregnancy, childbirth and the postpartum period, interpretation of clinical anatomy of female genitals and physiology of the reproductive system, preliminary diagnosis of major gynecological diseases, examination planning and tactics; determination of etiological and pathogenetic factors of the main diseases of the female reproductive system; identification of factors influencing family planning and development of measures aimed at rational family planning, implementation of necessary medical manipulations, planning and provision of emergency care in emergency obstetrics and gynecology.

1.3. Competences and learning outcomes, the formation of which is facilitated by the discipline "Obstetrics and Gynecology" and its relationship with the normative content of training of higher education in the field of knowledge 22 Health care, formulated in terms of learning outcomes in the Standard of Higher Education of Ukraine second (master) level higher education.

1.3.1. The study of the discipline provides students with the acquisition of **competencies:**

integrated: the ability to solve typical and complex specialized problems and practical problems in professional activities in the field of health care, or in the learning process, which involves research and / or innovation and is characterized by complexity and uncertainty of conditions and requirements.

1. General:

2. Ability to apply knowledge in practical situations
3. Knowledge and understanding of the subject area and understanding of the profession
4. Ability to self-regulate and lead a healthy lifestyle, the ability to adapt and act in a new situation
5. Ability to choose a communication strategy; ability to work in a team; interpersonal skills
6. Ability to communicate in the native language both orally and in writing; ability to communicate in a second language
7. Skills in the use of information and communication technologies
8. Ability to abstract thinking, analysis and synthesis, the ability to learn and be modernly trained
9. Ability to apply knowledge in practical situations
10. Ability to assess and ensure the quality of work performed;
11. Definiteness and perseverance in terms of tasks and responsibilities
12. Ability to act socially responsible and socially conscious.

Special (professional, subject):

1. Ability to establish a preliminary clinical diagnosis of the disease
2. Skills of gathering information about the patient
3. Ability to evaluate the results of laboratory and instrumental research
4. Ability to determine the principles and nature of treatment of diseases
5. Ability to diagnose emergencies
6. Ability to determine the tactics of emergency medical care

7. Skills in providing emergency medical care
8. Skills to perform medical manipulations
9. Ability to determine the required mode of work and rest in the treatment of diseases
10. Ability to determine therapeutic nutrition in the treatment of diseases
11. Ability to determine the tactics of physiological childbirth and the postpartum period
12. Ability to determine the tactics of contingent of persons subject to dispensary supervision
13. Ability to keep medical records
14. Ability to process state, social, economic and medical information
15. Ability to take measures to organize and integrate medical care
16. Ability to assess the impact of the environment on the health of the population (individual, family, population)
17. Ability to assess the impact of socio-economic and biological determinants on the health of the individual, family, population
18. Ability to analyze the activities of a doctor, department, health care institution
19. Ability to take measures to ensure the quality and safety of medical care.

1.3.2. The study of the discipline provides students with the acquisition of the following **program learning outcomes:** 1. Ability to establish a preliminary clinical diagnosis of the disease.

2. Skills of gathering information about the patient
3. Ability to evaluate the results of laboratory and instrumental research
4. Ability to determine the principles and nature of treatment of diseases
5. Ability to diagnose emergencies
6. Ability to determine the tactics of emergency medical care
7. Skills in providing emergency medical care
8. Skills to perform medical manipulations
9. Ability to determine the required mode of work and rest in the treatment of diseases
10. Ability to determine therapeutic nutrition in the treatment of diseases
11. Ability to determine the tactics of physiological childbirth and the postpartum period
12. Ability to determine the tactics of contingent of persons subject to dispensary supervision
13. Ability to keep medical records
14. Ability to process state, social, economic and medical information
15. Ability to take measures to organize and integrate medical care
16. Ability to assess the impact of socio-economic and biological determinants on the health of the individual, family, population
17. Ability to analyze the activities of a doctor, department, health care institution
18. Ability to take measures to ensure the quality and safety of medical care
19. Form goals and determine the structure of personal activities based on the results of the analysis of certain social and personal needs.

20. Adhere to a healthy lifestyle, use the techniques of self-regulation and self-control.
21. To be aware of and guided in their activities by civil rights, freedoms and responsibilities, to raise the general educational and cultural level.
22. Adhere to the requirements of ethics, bioethics and deontology in their professional activities.
23. Organize the necessary level of individual safety (own and persons cared for) in the event of typical dangerous situations in the individual field of activity.

1.3.3. The study of the discipline provides students with the following **social skills (Soft skills)**: mastering the skills of collecting information about the patient, the ability to evaluate the results of laboratory and instrumental studies, establishing a preliminary clinical diagnosis, determining the necessary mode of work and rest in the treatment of diseases. treatment of diseases, determination of principles and nature of treatment of diseases, determination of tactics of physiological childbirth and postpartum period, medical manipulations, diagnosis of emergencies and emergency medical care, determination of tactics of contingent of persons subject to dispensary supervision, medical documentation, social impact assessment - economic and biological determinants of the health of the individual, family, population, measures to ensure the quality and safety of health care, the ability to apply knowledge in practical situations, understanding of the subject area and professional activity, ability to adapt and act in a new situation, use of information and communication technologies, ability to learn and be modernly trained, making informed decisions, ability to work in a team, act socially responsibly and consciously.

2. INFORMATION VOLUME OF THE EDUCATIONAL DISCIPLINE

Name indicators	Field of knowledge, specialty, educational degree, EPP	Characteristics of the discipline	
		daytime form of education	
Number of credits – 4,5	Branch of knowledge 22 " <u>Health care</u> "	Normative	
Total hours – 135	Specialty: 222 <u>"Medicine"</u>	Year of preparation (course):	
		6th	
		Semester	
		11th	12th
Hours for full-time study: classroom – 60 independent student work – 75	Educational degree: <u>second master's level</u> <u>EPP "Medicine"</u>	Lectures	
		-	-
		Practical	
		60 hours	
		Independent work	
		75 hours	
		Type of final control: dif.credit	

2.1 Description of the discipline

2.2.1 Practical classes

№ 3/II	Topic name	Number of hours	Methods of teaching	Forms of control
1	Physiology of pregnancy, childbirth and the postpartum period. Perinatal protection of the fetus. Pharmacotherapy in obstetrics. Questions of medical ethics and deontology. Features of pregnancy, childbirth and the postpartum period in HIV infection.	5	practical classes, presentations, situational tasks, individual tasks, practice of practical skills	Current control - oral examination, written tests, testing, medical histories, demonstration of skills and practical skills.
2	Preeclampsia. Hypertensive disorders during pregnancy. Preeclampsia. Eclampsia. Pregnancy and childbirth with extragenital diseases.	5	practical classes, presentations, situational tasks, individual tasks, practice of practical skills	Current control - oral examination, written tests, testing, medical histories, demonstration of skills and practical skills.
3	Multiple pregnancy. Miscarriage and post-term pregnancy.	5	practical classes, presentations, situational tasks, individual tasks, practice of practical skills	Current control - oral examination, written tests, testing, medical histories, demonstration of skills and

				practical skills.
4	Obstetric bleeding. Hemorrhagic shock. Principles of infusion-transfusion therapy. Terminal conditions in obstetrics.	5	practical classes, presentations, situational tasks, individual tasks, practice of practical skills	Current control - oral examination, written tests, testing, medical histories, demonstration of skills and practical skills.
5	Anomalies of contractile activity of the uterus. Maternity injuries of mother and fetus. Childbirth of women with a scar on the uterus.	5	practical classes, presentations, situational tasks, individual tasks, practice of practical skills	Current control - oral examination, written tests, testing, medical histories, demonstration of skills and practical skills.
6	Placental insufficiency. Fetal growth retardation. Management of pregnancy and childbirth with COVID-19. Pathology of the newborn period. Intensive care and resuscitation of the newborn in the delivery room.	5	practical classes, presentations, situational tasks, individual tasks, practice of practical skills	Current control - oral examination, written tests, testing, medical histories, demonstration of skills and practical skills.
7	Indications, contraindications, conditions and technical features of surgical interventions in obstetrics..	6	practical classes, presentations, situational tasks, individual tasks, practice of practical	Current control - oral examination, written tests, testing, medical histories, demonstration of

			skills	skills and practical skills.
8	Female urogenital inflammatory diseases. Infertile marriage. ART, legal and medical aspects of surrogacy. Modern aspects of contraception.	6	practical classes, presentations, situational tasks, individual tasks, practice of practical skills	Current control - oral examination, written tests, testing, medical histories, demonstration of skills and practical skills.
9	Menstrual dysfunction. Neuroendocrine syndromes in gynecology. Endometriosis.	6	practical classes, presentations, situational tasks, individual tasks, practice of practical skills	Current control - oral examination, written tests, testing, medical histories, demonstration of skills and practical skills.
10	Benign neoplasms of the female genitalia. Gynecological aspects of breast diseases. Background, precancerous and malignant diseases of the female genitalia.	6	practical classes, presentations, situational tasks, individual tasks, practice of practical skills	Current control - oral examination, written tests, testing, medical histories, demonstration of skills and practical skills.
11	Final lesson.	6	practical classes, presentations, situational tasks, individual tasks, practice of practical skills	Final control: dif.credit

	Hours in general	60		
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2.2.2. Independent work

№ 3/π	Topic name	Number of hours	Methods of teaching	Forms of control
1	Preparation for practical classes and lectures.	48	situational tasks, individual tasks, practice of practical skills	Current control - oral examination, written tests, testing, medical histories, demonstration of skills and practical skills.
2	Mismatch between the size of the fetal head and the mother's pelvis. The problem of macrosomia in modern obstetrics. Wrong position of the fetus.	3	situational tasks, individual tasks, practice of practical skills	Current control - oral examination, written tests, testing, medical histories, demonstration of skills and practical skills.
3	Postpartum septic diseases.	3	situational tasks, individual tasks, practice of practical skills	Current control - oral examination, written tests, testing, medical histories, demonstration of skills and practical skills.
4	Immunological incompatibility of maternal and fetal blood. Anomalies in the development of the fertilized egg.	3	situational tasks, individual tasks, practice of practical skills	Current control - oral examination, written tests, testing, medical histories, demonstration of skills and practical skills.
5	Clinical and physiological	3	situational tasks,	Current control - oral

	changes in the female genitals at different ages. Neuroendocrine regulation of genital function.		individual tasks, practice of practical skills	examination, written tests, testing, medical histories, demonstration of skills and practical skills.
6	Modern methods of examination of gynecological patients. Small gynecological operations, indications, contraindications, conditions and technical features.	3	situational tasks, individual tasks, practice of practical skills	Current control - oral examination, written tests, testing, medical histories, demonstration of skills and practical skills.
7	Incorrect positions, traumatic injuries of the genitals and abnormalities in the development of the female genitals.	2	situational tasks, individual tasks, practice of practical skills	Current control - oral examination, written tests, testing, medical histories, demonstration of skills and practical skills.
8	Issues of pediatric gynecology.	2	situational tasks, individual tasks, practice of practical skills	Current control - oral examination, written tests, testing, medical histories, demonstration of skills and practical skills.
9	Prevention of HIV infection in medical institutions.	2	situational tasks, individual tasks, practice of practical skills	Current control - oral examination, written tests, testing, medical histories, demonstration of skills and practical skills.

10	Individual IW	1	individual tasks, practice of practical skills	Current control - oral examination, written tests, testing, medical histories, demonstration of skills and practical skills.
11	Preparation for the final lesson.	5	situational tasks, individual tasks, practice of practical skills	Final control: dif.credit
	Hours in general	75		

3. EVALUATION CRITERIA

3.1. Evaluation of the success of education of students is carried out on the basis of the current "Instructions for evaluating the educational activities of students of KhNMU", approved by the order of KhNMU from 21.08.2021 №181.

Recalculation of the average grade for current activities in a multi-point scale is carried out in accordance with the "Instructions for assessing the educational activities of higher education students...", Annex 1 to paragraph 2.6 of the Instructions approved by the order of KhNMU from 21.08.2021 №181, table 1.

4-point scale	120- point scale	4- point scale	120- point scale
5	120	3.91-3,94	94
4.95-4,99	119	3.87-3,9	93
4.91-4,94	118	3.83- 3,86	92
4.87-4,9	117	3.79- 3,82	91
4.83-4,86	116	3.74-3,78	90
4.79-4,82	115	3.7- 3,73	89
4.75-4,78	114	3.66- 3,69	88
4.7-4,74	113	3.62- 3,65	87
4.66-4,69	112	3.58-3,61	86
4.62-4,65	111	3.54- 3,57	85
4.58-4,61	110	3.49- 3,53	84
4.54-4,57	109	3.45-3,48	83
4.5-4,53	108	3.41-3,44	82
4.45-4,49	107	3.37-3,4	81
4.41-4,44	106	3.33- 3,36	80

4-point scale	120- point scale	4- point scale	120- point scale
4.37-4,4	105	3.29-3,32	79
4.33-4,36	104	3.25-3,28	78
4.29-4,32	103	3.21-3,24	77
4.25- 4,28	102	3.18-3,2	76
4.2- 4,24	101	3.15- 3,17	75
4.16- 4,19	100	3.13- 3,14	74
4.12- 4,15	99	3.1- 3,12	73
4.08- 4,11	98	3.07- 3,09	72
4.04- 4,07	97	3.04-3,06	71
3.99-4,03	96	3.0-3,03	70
3.95- 3,98	95	Less 3	Not enough

Differentiated credit is conducted by the teacher of the academic group, or is accepted by the commission, in case of disagreement of the student with the results of certification, at the last lesson and provides for the consideration of IPA. Admission to the differentiated test is determined in the points of the current educational activity, namely: min - 70, max - 120 points and the mark - "passed", "not credited". If the differentiated credit is not passed, the dates of re-setting during the holidays are set, before the beginning of the next semester. Directly differentiated credit is estimated from - 50 to - 80 points.

3.2. Questions for differentiated credit and control questions:

1. Physiology of pregnancy, childbirth and the postpartum period. Perinatal protection of the fetus. Modern diagnostic and therapeutic perinatal technologies.
2. Pharmacotherapy in obstetrics. Pharmacokinetics and pharmacodynamics of drugs. Features of pharmacotherapy in different stages of pregnancy and in the postpartum period.
3. Early gestosis. Clinic, diagnosis and treatment.
4. Late gestosis. Clinic, diagnosis, treatment methods, fetal condition, prevention.
5. Multiple pregnancy. Etiology and modern diagnostic possibilities in the diagnosis of multiple births. Tactics of pregnancy and childbirth with multiple births. Fetofetal circulation syndrome.
6. Etiology and pathogenesis of premature termination of pregnancy at different times. Classification, clinic, diagnosis, treatment and prevention of miscarriage.
7. Premature birth. Features of premature birth. Prevention of premature pregnancy.
8. Postponement of pregnancy. Etiology. Pathogenesis. The course of pregnancy and childbirth during pregnancy. The effect of pregnancy on the fetus. Methods of diagnosis of pregnancy. Prevention and treatment of complications associated with tolerability. Prolonged pregnancy. Comprehensive treatment of pregnancy.
9. Bleeding during pregnancy, childbirth and the postpartum period. Etiology, pathogenesis. Clinic. Diagnosis. Algorithm of action of the doctor. Means to combat bleeding. Hemorrhagic shock. DIC syndrome. Terminal conditions in

obstetrics. Modern approaches to infusion-transfusion therapy and intensive care and resuscitation for bleeding in obstetrics.

10. Classification, etiology, pathogenesis of various types of anomalies of labor. Modern methods of diagnosis and treatment of labor disorders. Prevention of birth defects.

11. Maternity injuries of mother and fetus. Modern approaches to the diagnosis and treatment of maternal and fetal birth injuries.

12. Pregnancy and childbirth with extragenital diseases Diseases of the cardiovascular system (heart disease, hypertension, hypotension), diseases of the hematopoietic organs in pregnant women; respiratory diseases; diseases of the digestive system; liver and gallbladder diseases; diseases of the endocrine system; diseases of the urinary tract; diseases of the nervous system; acute and chronic infectious diseases; the course of pregnancy and childbirth in gynecological diseases. Pregnancy with abnormalities in the development of the female genitals. TORCH infections in pregnant women, clinical course, diagnosis, treatment, prevention. Principles of pregnancy, childbirth with an increased risk of perinatal pathology (TORSH infection). Pregnancy and CNS diseases, myasthenia; myopia.

13. Placental insufficiency, fetal growth retardation. Etiology, pathogenesis of placental insufficiency, fetal distress, fetal developmental delay and neonatal asphyxia. Modern perinatal diagnostic technologies. Modern methods of treatment of adverse conditions of the fetus.

14. Pathology of the neonatal period. Methods of intensive care and resuscitation of a newborn born in asphyxia. Toxic and septic diseases of newborns. Etiology, clinic, diagnosis, prevention. Measures during outbreaks of toxic and septic diseases in the maternity hospital. Diagnosis of development, supervision and treatment of a newborn who has suffered asphyxia, trauma.

15. The main stages of obstetric operations. Indication. Terms. Contraindication. Preparation. Anesthesia operations. Tools. Asepsis and antiseptics. Management of the postoperative period.

16. Women's urogenital inflammatory diseases. Modern approaches to diagnosis and treatment. Diagnosis, treatment and prevention of sexually transmitted diseases. Modern principles of treatment of acute and chronic diseases of inflammatory processes of female genitals.

17. Medical and social significance of the problem of infertility in marriage. Etiopathogenetic factors in the development of infertility Examination of a married couple in an infertile marriage. Modern principles and methods of treatment of female infertility. Assisted reproductive technologies.

18. Organization, structure and tasks of the family planning service. Modern aspects of contraception. Classification, mechanism of action and effectiveness of modern contraceptive measures.

19. The problem of endometriosis. Modern etiopathogenetic views, methods of diagnosis, treatment and prevention of endometriosis.

20. The problem of menstrual disorders at different ages. Modern methods of diagnosis and treatment.

21. Questions of gynecological endocrinology, neuroendocrine syndromes in gynecology. Modern methods of diagnosis and treatment.
22. Benign diseases of the female genital organs. Gynecological aspects of breast diseases. Modern methods of diagnosis, treatment and prevention.
23. Precancerous and background diseases of the female genitals. Malignant neoplasms of the female genitalia. Trophoblastic diseases. Modern methods of diagnosis, treatment and prevention.
24. Emergencies in gynecology. Modern approaches to diagnosis, differential diagnosis, treatment and prevention of emergency gynecological conditions.
25. The problem of emergency gynecological care, basic principles and methods of surgical interventions in gynecology.
26. Indications, contraindications, conditions and technical features of operations on the uterus (conservative myomectomy, uterine defundation, supravaginal amputation of the uterus, extirpation of the uterus), cervix, uterine appendages, prolapse and prolapse of the female genitals.
27. Therapeutic and diagnostic endoscopic methods of treatment in gynecology. Features of preparation and postoperative management of gynecological patients at urgent and planned operative interventions. Principles and methods of anesthesia and resuscitation during gynecological operations.

3.3. Individual tasks: preparation of presentations and reports on separate subtopics of classes, preparation of abstracts of reports and poster reports at the conference of young scientists.

4. DISCIPLINE POLICY

To achieve the goals of training and successfully complete the course, it is necessary: to join the work from the first day; attend lectures regularly; read the material in advance, before its consideration in a practical lesson; not to be late, do not be late and do not miss classes; come to the department dressed in a medical gown, have changeable shoes, notebook, pen; perform all necessary tasks and work every day; be able to work with a partner or in a group; ask for help and get it when you need it. Academic mobility, interchangeability of credit credits (volume of 1 credit of 30 hours) is provided. Applicants are not allowed to be late for practical classes. Omissions of practical classes are worked out hour by hour to the teacher of group or the next teacher. Reception of tests and consultations are held daily from 15p.m. – 17p.m., according to the schedule of the department, or a group teacher. Applicants for higher education with special needs should meet with the teacher or warn him before the start of classes, at the request of the student it can be done by the head of the group. If you have any questions, please contact the teacher.

5. ACADEMIC INTEGRITY Applicants for higher education can discuss various tasks, but their implementation is strictly individual. You are not allowed to write off, use any kind of software, tips, use a mobile phone, tablet or other electronic gadgets during the lesson.

6. RECOMMENDED LITERATURE

Basic

1. Obstetrics and Gynecology: In two volumes. – Volume 1: Obstetrics: textbook / Group of authors, Edited by V.I. Gryshenko, M.O. Shcherbina. — K.: AUS Medicine Publishing, 2014. – 392 p.; Volume 2: Gynecology: textbook / Group of authors, Edited by V.I. Gryshenko, M.O. Shcherbina. — K.: AUS Medicine Publishing, 2014. – 352 p. and 8 color insets.

Additional

1. These "Clinical Protocols" are approved by the order of the Ministry of Health of Ukraine on obstetrics and gynecology.
2. Protocols for vagitnyh visokogo riziku: ed. J. T. Kvinas, D. Hobbins, K. Spong / McMillan Children Foundation / Helping Children Around the World
3. Effective antenatal caregiver: the master of the book / Collective of authors - K., 2012.

7. INFORMATION RESOURCES

Devotion to the side of primary discipline in MOODLE

<http://31.128.79.157:8083/course/index.php?categoryid=36>

Cathedral Library.

Repository of KhNMU: <http://repo.knmu.edu.ua/handle/123456789/135>