

**MEDICAL UNIVERSITY OF PLOVDIV
FACULTY OF MEDICINE**

SYLLABUS

OBSTETRICS AND GYNECOLOGY

Accepted by the Department Council – Protocol № 4/26.05.2022

Approved by the Faculty Council - Protocol №6/15.06.2022

**OBSTETRICS AND GYNECOLOGY
SYLLABUS**

Discipline	Final exam/ semester	Auditorium classes				ECTS non-auditorium classes	ECTS total	Academic hours in years and semesters		
		Total	Lectures	Practices	ECTS			4 th	5 th year	
OBSTETRICS AND GYNECOLOGY	X							VIII	IX	X
		210	90	120	7.0	4.0	11.0	2/2	2/3	2/3

Name of the course:

"OBSTETRICS AND GYNECOLOGY"

Type of discipline according to EDI:

Obligatory

Level of training:

Master / M /

Forms of training:

Lectures, practicals, self-preparation

Training course:

4th and 5th year

Duration of training:

Three semesters

Hours:

90 hours of lectures, 120 hours of practicals

Teaching aids:

Multimedia presentations, discussions, demonstration of thematic patients, diagnostic and operative procedures used in obstetrics and gynecology, solving practical cases, making thematic tests to assess the acquired knowledge during the practicals, including tests for remote examination.

Forms of assessment:

Ongoing assessment, entrance test, exam.

Formation of the assessment:

Exam with final grade.

Aspects in the formation of the assessment:

Evaluation is multicomponent and includes:

- * **current assessments from control inspections during the three semesters;**
- * **test score;**
- * **assessment from a written exam;**
- * **oral examination assessment.**

Semester exam:

Yes / written and oral exam /.

State Examination:

Yes / written and oral exam /.

Leading lecturer:

Habilitated lecturers from the Department of Obstetrics and Gynecology.

Prof. Dr. Ekaterina Uchikova, MD; Prof. Dr. Elena Dimitrakova, MD;

Prof. Dr. Maya Krasteva, MD;

Department:

Obstetrics and gynecology

□ ANNOTATION

- **The main goal of the course "Obstetrics and Gynecology" is for students to get acquainted with the nature of physiological and pathological obstetrics; of gynecology and oncogynecology. They must acquire during the training in-depth theoretical knowledge and basic practical skills that are necessary for each doctor.**

□ MAIN TASKS OF THE CURRICULUM:

- **To take the anamnesis of the patients hospitalized on the territory of the Clinic of Obstetrics and Gynecology;**
- **To know the anatomical and physiological features of the female genital organs**
- **To know the modern methods for diagnosis of early and late pregnancy;**
- **To know the methods for obstetric and gynecological examination;**
- **To know the normal mechanism of birth; the anatomical and physiological features of the newborn and the first care for it;**
- **To know the basic methods for operative delivery and the complications related to them;**
- **To know the emergencies in obstetrics;**
- **To know the basic obstetric and gynecological pathology;**
- **To know the normal and pathological postpartum period;**
- **To know the most frequently performed gynecological surgical interventions;**

- To know the main groups of causes of acute abdomen in gynecology;
- To know the methods for screening of cancers of the female genital organs and the risk groups of women.

EXPECTED RESULTS

To have the necessary set of theoretical knowledge and practical skills in the discipline of Obstetrics and Gynecology necessary for the practice of any future doctor.

➤ **LECTURES - THESIS**

LECTURE № 1 - Anatomical and physiological features of the female genital organs. Neuro-hormonal regulation of menstruation. 2 hours

THESIS: Consideration of external and internal female organs and their physiology. Basic levels of menstrual regulation.

LECTURE № 2 - Placenta-anatomy, biology. Amniotic fluid and membranes. Umbilical cord. Fetoplacental unit. 2 hours

THESIS: Peculiarities of the placenta. Functions. Significance of Fetoplacental unit.

LECTURE № 3 - Adaptive changes in the body of a pregnant woman 2 hours

THESIS: Consideration of changes in the systems during pregnancy.

LECTURE № 4 - Diagnosis of pregnancy. Methods. 2 hours

THESIS: Diagnosis of early and late pregnancy. Methods used depending on the trimester.

LECTURE № 5 - Abortions. 2 hours

THESIS: Definition, types, clinical forms, management.

LECTURE № 6 - Normal birth - theories. Stages of birth. Conduct of labor. 2 hours

THESIS: Definition; Theories of birth. Conduct of labor during the different stages.

LECTURE № 7 - Breech presentation. Breech delivery 2 hours

THESIS: Types of breech presentation. Mechanism of birth. Conducting the birth during the different stages.

LECTURE № 8 - Anatomical and physiological features of the newborn. Adaptation syndrome 2 hours

THESIS: The anatomical and physiological features of the newborn by systems, their postnatal adaptation and the adaptation manifestations in the neonatal period are considered.

LECTURE № 9 Premature birth. Premature rupture of the amniotic membranes. 2hours

THESIS: Definition of premature birth. Etiology. Algorithm of management.

LECTURE № 10 - Prolonged pregnancy 2 hours

THESIS: Definition, types. Algorithm of management

LECTURE № 11 - Ectopic pregnancy - clinic, diagnosis, management. Acute abdomen in obstetrics and gynecology 2 hours

THESIS: Definition, clinical forms. Algorithm of management

LECTURE № 12 - Cesarean section. Anesthesia during labor.2 hours

THESIS: Definition, classifications, technique. Indications. Complications.

LECTURE № 13 - Dystocia - functional and mechanical.2 hours

THESIS: Definition, types, management

LECTURE № 14 - Multiple pregnancy. Birth in case of multiple pregnancy.2 hours

THESIS: Multiple pregnancy - types, etiology, risk factors, management.

LECTURE № 15 - Vaginal obstetric operations. Forceps and vacuum extraction. 2hours

THESIS: Conditions, indications, complications.

LECTURE № 16 - Pregnancy and extragenital diseases. Diabetes and pregnancy. Infectious diseases and pregnancy. 2 hours

THESIS: Obstetric behavior in diabetes and infectious diseases during pregnancy.

LECTURE № 17 - Toxicosis of pregnancy.2 hours

THESIS: Classification. Clinical presentation. Risk assessment. Management

LECTURE № 18 - Endangered fetus. Modern methods for diagnosis of endangered fetus. Ultrasound diagnosis of the fetus. Intrauterine asphyxia of the fetus. 2 hours

THESIS: Definition. Classification of the causes. Methods of diagnosis and management.

LECTURE № 19 - Placental insufficiency. Oligohydramnios. Hydramnios. 2 hours

THESIS: - Definition, causes, diagnosis and management.

LECTURE № 20 - Bleeding in the second half of pregnancy. Placenta previa. Premature detachment of the placenta attached to the normal place. 2 hours

THESIS: - Definition, types. Algorithms in management. Differential diagnosis.

LECTURE № 21- Bleeding during childbirth, placental and postplacental stage. 2 hours

THESIS: - Algorithms in management.

LECTURE № 22 - Normal puerperium. 2 hours

THESIS: - Definition, types. Indicators in the early puerperium.

LECTURE № 23 Pathology of the puerperal period. Puerperal infections. 2 hours

THESIS: - Pathological puerperium. Main complications and behavior.

LECTURE № 24 - Birth trauma. Ruptures of the soft birth canal. Rupture of the uterus. 2 hours

THESIS: - Clinic. Behavior.

LECTURE № 25 - Shock in obstetrics. DIC syndrome. 2 hours

THESIS: - Types of shock. Causes of shock in obstetrics. Behavior.

LECTURE № 26 - Prenatal diagnosis. The role of ultrasound in obstetrics. 2 hours

THESIS: Definition, purpose, methods. Biochemical screening - early and late. Fetal morphology.

LECTURE № 27 - Menstrual cycle - regulation, clinical parameters. Abnormalities. 2 hours

THESIS: - Definition. Levels of regulation, main characteristics. Deviations from the norm.

LECTURE № 28 - Colpitis. 2 hours

THESIS: - Definition. Types. Treatment.

LECTURE № 29 - Cardinal symptoms in gynecology. Acute abdomen. 2 hours

THESIS: - Definition. Reasons. Behavior.

LECTURE № 30 - Hemolytic disease of the fetus and newborn. 2 hours

THESIS: - Etiology, types, forms of the disease. Pre- and postnatal diagnosis, treatment, prevention.

LECTURE № 31 - Malignant neoplasms of the cervix. Oncoprophylaxis. 2 hours

THESIS :

- 1. Etiology. Clinic. Diagnosis. Differential diagnosis. Treatment;**
- 2. Pathoanatomy;**
- 3. Classification;**
- 4. Types of prevention.**

LECTURE № 32 - Ovarian tumors. General characteristics. Benign ovarian tumors. 2 hours

THESIS:

- 1. Classification;**
- 2. Main characteristics;**
- 3. Diagnosis and behavior in cases of benign ovarian tumors;**

LECTURE № 33 -Malignant ovarian tumors. Treatment. 2 hours

THESIS:

- 1. Etiology. Clinic. Diagnosis. Differential diagnosis. Treatment;**
- 2. Pathoanatomy;**
- 3. Classification;**

LECTURE № 34 -PCOS.2 hours

THESIS:

Etiology. Criteria for diagnosis. Clinic. Treatment;

LECTURE № 35 -Malignant diseases of the uterine body. Uterine sarcoma. 2 hours

THESIS:

- 1. Etiology;**
- 2. Classification;**
- 3. Clinic .;**
- 4. Diagnosis;**
- 5. Treatment**

LECTURE № 36 -Pelvic inflammatory disease. Sexually transmitted infections. 2 hours

THESIS: Types, treatment.

LECTURE № 37 -Uterine fibroids. Endometriosis. 2 hours

THESIS: Definition, etiology, clinic. Diagnosis. Criteria for surgical treatment. Types of endometriosis, diagnosis, treatment.

LECTURE № 38 - Infertility in the family. New reproductive methods. 2 hours

THESIS: Definition, types. Diagnosis and behavior.

LECTURE № 39 - Pediatric and adolescent gynecology. 2 hours

THESIS: Basic conditions. Behavior.

LECTURE № 40 - Contraception. 2 hours

THESIS: Definition, classification of methods. Main characteristics. Choosing the correct method.

LECTURE № 41 - Menopause. Hormone replacement therapy.2 hours

THESIS: Definition. Hormonal characteristics. "FOR" and "AGAINST" HRT.

LECTURE № 42 - Dysfunctional uterine bleeding. Amenorrhea. Dysmenorrhea.2 hours

THESIS: Classification. Management.

LECTURE № 43 - Abnormalities in the position of the uterus and other genital organs. Descensus and uterine prolapse. 2 hours
THESIS: Classification. Clinic. Management.

LECTURE № 44 - Birth trauma of the newborn. Prevention of birth injuries. 2 hours
THESIS: Causes of birth trauma. Pathogenesis. Types and representatives. Diagnostic and therapeutic approach. Prevention.

LECTURE № 45 -Gynecological operations. Ultrasound in gynecology. 2 hours
THESIS: Types of gynecological operations. Techniques. Ultrasound of the most common gynecological pathologies.

➤ PRACTICALS- THESIS

EXERCISE № 1 - Anatomy and physiology of female reproductive organs. 2 hours
THESIS: External and internal female reproductive organs. Functions of the female reproductive organs.

EXERCISE № 2 - Bone pelvis. Device, planes and diameters. Pelvic floor. 2 hours
THESIS: Bones forming the pelvis. Planes and diameters related to the mechanism of birth. Pelvic floor muscles.

EXERCISE № 3 - Obstetric history. Goals and objectives of obstetric history.2 hours
THESIS: Basic questions and information concerning the prognosis of pregnancy and labor.

EXERCISE № 4 - Diagnosis of pregnancy - early and late. Modern methods for diagnosing pregnancy.2 hours
THESIS: Diagnosis of early and late pregnancy. Methods used depending on the trimester

EXERCISE № 5 - Location of the fetus in the uterus – habitus/ attitude/, situs /lie/, position and presentation.2 hours
THESIS: Definitions.

EXERCISE № 6 - Obstetric examination - Leopold techniques/ manouvers/, mensuration and auscultation.2 hours
THESIS: Description of the methods and their significance in the obstetric examination.

EXERCISE № 7 - Mechanism of birth in anteroposterior presentation and its deviations. 2 hours
THESIS: Stages and moments.

EXERCISE № 8 - Normal birth. Precursors and signs of childbirth. Stages of delivery. 2 hours
THESIS: Definition; Theories of birth. Conducting the birth during the different stages.

EXERCISE № 9 - Conducting the birth during the separate stages.2 hours
THESIS: Definition; Theories of birth. Conducting the birth during the different stages.

EXERCISE № 10 - Maternal birth trauma.2 hours

THESIS: - Clinic. Management.

EXERCISE № 11 - Anatomical and physiological features of the newborn.2 hours

THESIS: The anatomical and physiological features of the newborn by systems, their postnatal adaptation and the adaptation manifestations in the neonatal period are considered.

EXERCISE № 12 - Methods for diagnosing the condition of the fetus - ultrasound and electro-physiological.2 hours

THESIS: Characteristics and interpretation.

EXERCISE № 13 - Mechanism of birth in cases of deflection of the fetal head. Breech presentation. Mechanism of birth and manual assistance.2 hours

THESIS: Stages. Moments.

EXERCISE № 14 - Forceps and vacuum extractor. Indications, conditions, equipment.2 hours

THESIS: Definition, classifications, technique. Indications. Complications.

EXERCISE № 15 - Caesarean section - types, indications.2 hours

THESIS: Conditions. Indications. Complications.

EXERCISE № 16 - Bleeding during the delivery, the placental and postplacental period. 3 hours.

THESIS: Reasons. Algorithms in the management.

EXERCISE № 17 - Bleeding in the second half of pregnancy. Placenta previa and placental abruption.3 hours.

THESIS: Definitions. Differential diagnosis. Management.

EXERCISE № 18 - Early toxicosis of pregnancy.3 hours.

THESIS: Definition. Representatives. Treatment.

EXERCISE № 19 - Preeclampsia and eclampsia. 3 hours.

THESIS: Definition. Classification. Pathogenesis. Clinic. Treatment. Algorithms of the management in cases of eclamptic seizure.

EXERCISE № 20 - Prolonged pregnancy. Endangered fetus and ways to determine the condition of the fetus.3 hours.

THESIS: Definition. Types. Management. Definition of endangered fetus and assessment methods.

EXERCISE № 21 - Normal postpartum period. Caring for the woman in the puerperium. 3 hours.

THESIS: - Definition, types. Indicators in the early puerperium.

EXERCISE № 22 - Pathological puerperium. 3 hours.

THESIS: - Main representatives. Clinic. Treatment.

EXERCISE № 23 - Abortions and premature births. 3 hours.

THESIS: Definition, types, clinical forms, management.

EXERCISE № 24 - Ectopic pregnancy - clinic, diagnosis, differential diagnosis. 3 hours.

THESIS: Definition, clinical presentation, algorithm of management

EXERCISE № 25 - Multiple pregnancy. Management during the pregnancy and labor. 3 hours.

THESIS: Etiology. Risk factors and complications. Obstetric management.

EXERCISE № 26 - Shock in obstetrics. DIC syndrome. 3 hours.

THESIS: - Types of shock. Causes of shock in obstetrics. Management.

EXERCISE № 27 - Gynecological anamnesis and objective examination. Additional methods for gynecological examination. Cardinal symptoms in gynecology. 3 hours.

THESIS: - Basic questions, information from the gynecological examination. Modern methods of diagnosis.

EXERCISE № 28 - Inflammatory diseases of the female genital organs - types, diagnosis and treatment. 3 hours.

THESIS: - Main representatives. Clinic. Basic therapeutic schemes.

EXERCISE № 29 - First care for the newborn. Asphyxia of the newborn. Resuscitation of the newborn in the delivery room. 3 hours.

THESIS: Asphyxia of the newborn - Causes. Degrees. Weight.

Assessment of the condition of the newborn immediately after birth. Resuscitation algorithm. Consequences of asphyxia. First care for the newborn in the Maternity Hospital.

EXERCISE № 30 - Hemolytic disease of the newborn. 3 hours.

THESIS: - Etiology, types, forms of the disease. Pre- and postnatal diagnosis, treatment, prevention.

EXERCISE № 31 - Colpitis - types, diagnosis and treatment. Sexually transmitted diseases. 3 hours.

THESIS: - Definition. Types. Treatment.

EXERCISE № 32 - Uterine fibroids. Clinic, diagnosis and treatment. 3 hours.

THESIS: Definition, etiology, clinic. Diagnosis. Criteria for surgical treatment.

EXERCISE № 33 - Dysfunctional uterine bleeding. 3 hours.

THESIS: Classification. Management.

EXERCISE № 34 - Cervical cancer - localization, clinic, diagnosis, treatment, prevention. 3 hours.

THESIS:

1. Etiology. Clinic. Diagnosis. Differential diagnosis. Treatment;

2. *Pathoanatomy;*
3. *Classification;*
4. *Types of prevention.*

EXERCISE № 35 - Cancer of the uterine body - clinic, diagnosis, treatment.

3 hours.

THESIS:

1. *Etiology;*
2. *Classification;*
3. *Clinic;*
4. *Diagnosis;*
5. *Treatment*

EXERCISE № 36 - Ovarian tumors - general characteristics, types, classification.3 hours.

THESIS:

1. *Classification;*
2. *Main characteristics;*
3. *Diagnosis and management in cases of benign ovarian tumors;*

EXERCISE № 37 - Malignant diseases of the ovaries - clinic, diagnosis and treatment.3 hours.

THESIS:

1. *Etiology. Clinic. Diagnosis. Differential diagnosis. Treatment;*
2. *Pathoanatomy;*
3. *Classification;*

EXERCISE № 38 - Static diseases of the female genital organs. Urogynecology.3 hours.

THESIS: Anatomy of the pelvic diaphragm. Classification of the static diseases. Clinical presentation. Methods of treatment.

EXERCISE № 39 - Menopause - clinic, treatment.3 hours.

THESIS: Definition. Hormonal characteristics. "FOR" and "AGAINST" HRT.

EXERCISE № 40 - Family planning. Contraception.3 hours.

THESIS: Definition, classification of the methods. Main characteristics. Choosing the correct method.

EXERCISE № 41 - Acute abdomen in gynecology.3 hours.

THESIS: - Definition. Reasons. Management.

EXERCISE № 42 - Operative gynecology - the most commonly performed gynecological operations. 3 hours.

THESIS: Introducing students to the basic and most commonly used surgical interventions in gynecology.

EXERCISE № 43 - Birth trauma in the newborn. 3 hours.

THESIS: Causes of birth trauma. Pathogenesis. Types and representatives. Diagnostic and therapeutic approach. Prevention.

EXERCISE № 44 - Obstetric operations - manual separation and extraction of the placenta, version - types, indications, conditions, technique; fetal operations. 3 hours.

THESIS: Basic obstetric operations. Typess. Indications. Technique. Complications.

EXERCISE № 45 -Review of operative obstetrics - forceps, vacuum, manual assistance in breech presentation.3 hours.

ABSTRACTS: Examination of the acquired theoretical knowledge and practical skills of the students on a phantom and / or in the Center for Simulation Medicine.

➤ **MAIN LITERATURE SOURCES**

- Lecture course in "Obstetrics and Gynecology" for students of medicine and dentistry, developed by habilitated lecturers in the department;
- Williams Obstetrics
- Williams Gynecology
- NMS Obstetrics and Gynecology 7th edition
- "Handbook of Obstetrics and Gynecology", Medicine and Physical Education, Sofia, 2015.
- Dimitrov A. Obstetrics. ARSO, 2014, Sofia
- Dimitrov. A., Zlatkov V., Gynecology. ARSO, 2013, Sofia
- Uchikova E. Tests in Obstetrics and Gynecology. LAKS BUK, Plovdiv, 2017
- Dimitrakova E. "New aspects in the maternal-fetal relationship in preeclampsia.", Autoprint, Plovdiv 2014.
- Stoilova J., Krasteva M. "Prevention and control of neonatal infections", MU Plovdiv, 2013.

Obstetrics and Gynecology SEMESTER EXAM V course Medicine

1. Diagnosis of pregnancy – early and late. Modern methods for diagnosis.
2. Vaginal delivery. Early signs. Stages. Management of labor. Mechanism of labor in Occiput Anterior presentation and the other types of occiput presentation – persistent occiput posterior presentation, etc.
3. Breech presentation. Breech delivery – diagnosis, management, mechanism of labor.
4. Fetal distress – methods for diagnosis. Placental insufficiency. Fetal asphyxia. Apgar score. Prolonged pregnancy.
5. Multiple pregnancy.
6. Pregnancy and extragenital diseases.
7. Early toxicosis.

8. Preeclampsia and eclampsia – diagnosis, clinical manifestation and management.
9. Obstetrical hemorrhage. Bleeding during labor, placental stage and post-placental period.
10. Hemorrhage during the second half of pregnancy- Placenta Previa and Placental abruption.
11. Maternal birth trauma. Birth canal trauma. Uterine rupture – types, clinical manifestation, diagnosis and management.
12. Abortion –classification, causes, clinical manifestation, diagnosis and treatment.
13. Premature (Preterm) labor – causes, clinical manifestation, diagnosis and treatment. Signs of prematurity and management of preterm labor. Premature rupture of the amniotic membranes.
14. Physiological puerperium.
15. Pathological puerperium.
16. Cesarean section
17. Forceps and vacuum delivery: indications, prerequisites, technique of application
18. Shock in Obstetrics. DIC syndrome.
19. Gestational trophoblastic disease (GTD)
20. Inflammatory diseases of the female genital organs – Vaginitis - types, symptoms and treatment.
21. Uterine fibroids
22. Endometriosis
23. Cervical cancer
24. Endometrial cancer. Uterine sarcoma.
25. Ovarian tumors – general characteristics
26. Benign ovarian tumors – diagnosis and treatment.
27. Malignant ovarian tumors – diagnosis, treatment. Ovarian cancer.
28. Pelvic inflammatory disease (PID)
29. Pelvic organ prolapse. Uterine prolapse
30. Infertility in the family.
31. Contraception
32. Acute abdomen in gynecology.
33. Ectopic pregnancy – types. Tubal pregnancy – causes, symptoms, differential diagnosis, management.
34. Menopause and premenopause. Hormone replacement therapy.
35. Polycystic ovarian syndrome (PCOS)
36. Pediatric and adolescent gynecology
37. Neuro-hormonal regulation of the menstrual cycle. Dysfunctional uterine bleeding- in the adolescent years(Metrophatia haemorrhagica juvenilis) and climacteric bleeding(Methrophatia haemorrhagica climacterica)

Obstetrics and Gynecology STATE EXAM VI course Medicine

Obstetrics

1. Diagnosis of early and late pregnancy.
2. Genital and extragenital changes in the organism of the pregnant woman. Pregnancy and extragenital diseases. Diabetes and pregnancy
3. Normal delivery - predictors, stages, management.
4. Physiological and pathological puerperium. Puerperal cares.
5. Traumatism in labor.
6. Multiple pregnancy.
7. Ectopic pregnancy.
8. Abortions – types, clinical signs and management.
9. Preterm delivery.
10. First cares for the newborn. Premature newborn – signs for prematurity, cares.
11. Prolonged pregnancy. Induction of labor
12. Trophoblastic disease.
13. Polyhydramnios and oligohydramnios. Placental insufficiency
14. Early toxicosis of a pregnancy. Hyperemesis gravidarum.
15. Preeclampsia and eclampsia.
16. Bleeding during the second half of pregnancy.
17. Obstetrical coagulopathies. DIC Syndrome
18. Dystocia – definition, types and management.
19. Breech presentation. Mechanism of labor. Manual help.
20. Pelvic dystocia. Mensuration
21. Bleeding in the placental stage and in the postplacental period.
22. Caesarean section and pain management during delivery.
23. Operative vaginal deliveries – forceps and vacuum.
24. Asphyxia of the fetus and newborn. Hemolytic disease of the newborn.
25. Fetal distress – methods for evaluation.
26. Pregnancy and extragenital diseases.

27. Ultrasound in obstetrics.

Gynecology

28. Menstrual cycle – hormonal and clinical characteristics.

29. Menstrual abnormalities.

30. Dysfunctional uterine bleeding – adolescent /metropathia haemorrhagica juvenilis/; climacteric /metropathia haemorrhagica climacterica/.

31. Vulvovaginitis.

32. Precancerous and early cancerous lesions of the cervix.

33. Cervical cancer.

34. Endometrial cancer.

35. Myoma of the uterus

36. Endometriosis

37. Ovarian tumors – basic characteristics.

38. Benign ovarian tumors.

39. Malignant ovarian tumors.

40. Pelvic inflammatory disease.

41. Acute abdomen in gynecology. Causes. Diagnosis. Management

42. Sexually transmitted diseases.

43. Pelvic organ prolapse and urogynecology. Types of incontinence

44. Infertility. Classification. Diagnosis.

45. Contraception.

46. Pediatric and adolescent gynecology.

47. Diagnostic methods in gynecology – ultrasound, hysteroscopy and laparoscopy.

48. Polycystic ovarian syndrome – diagnosis and treatment.

49. Menopause. Hormone replacement therapy

Prepared by: Prof. Dr. Ekaterina Uchikova, MD; Prof. Dr. Elena Dimitrakova, MD;