

“Approved“
at methodical meeting of the Department of
obstetrics, gynecology and family planning
Medical Institute of Sumy State University
protocol № _____
“ _____ “ _____ 2021p.

Methodical recommendations

for practical classes of obstetrics and gynecology

Topic: Final Modular Control

The duration of the lesson – is 6 hours.

Place of employment: training room.

The purpose and rationale of the topic: differentiated assessment of student knowledge

Test questions

1. The concept of perimenopausal period.
2. Physiological changes in the female genital organs during perimenopause. Pathological conditions in the perimenopausal period.
3. The prolapse and prolapse of the walls of the vagina and uterus: diagnosis, treatment, prevention.
4. Modern methods of examination of girls and adolescents with gynecological diseases.
5. Violation of menstrual function in adolescence, classification.
6. Amenorrhea: diagnosis, treatment principles.
7. Juvenile uterine bleeding: diagnosis, treatment principles, emergency care.
8. Prevention of menstrual dysfunction in adolescents.
9. Inflammatory diseases of the genital organs in girls and adolescents: clinic, diagnosis, treatment.
10. Anomalies in the development of genital organs: diagnosis, treatment.
11. Violation of sexual development in adolescents.
12. Methods of contraception in adolescents.
13. Modern approaches to the diagnosis and treatment of female urogenital inflammatory diseases.
14. Diagnosis, treatment, prevention of sexually transmitted diseases.
15. Benign neoplasms of the female genital organs. Diagnosis, treatment and prevention.
16. Dyshormonal diseases of the breast. Modern methods of diagnosis, treatment and prevention.
17. Endometriosis. Modern aspects of etiopathogenesis, diagnosis, treatment and prevention of endometriosis.
18. Background and precancerous diseases of the female genital organs: vulva, vagina - diagnosis, management tactics.
19. Background and precancerous diseases of the cervix: diagnosis, management tactics.
20. Background and precancerous diseases of the endometrium: diagnosis, management tactics.
21. Malignant neoplasms of the cervix and body of the uterus (endometrial cancer, sarcoma), ovaries, fallopian tubes: classification, diagnosis, clinic, management principles and prevention.
22. Modern approaches to the diagnosis, treatment and emergency care for “acute abdomen”.
23. Modern approaches to the diagnosis, treatment and emergency care for obstetric bleeding.
24. Differential diagnosis of acute gynecological and surgical pathology.
25. Indications, contraindications, conditions and types of operations on the cervix.
26. Indications, contraindications, conditions and types of operations on the uterus.
27. Indications, contraindications, conditions and types of operations on the appendages of the uterus.
28. Indications, contraindications and types of operations for omission and prolapse of female genital organs.
29. Artificial abortion in early and late periods: indications, methods, complications.
30. Features of the preparation of gynecological patients for surgery.
31. Postoperative complications.
32. Prevention of postoperative complications.
33. Prevention of HIV infection in medical institutions.

34. Prevention of the risk of infection with blood-borne infections, and ways to reduce it.
35. Postcontact HIV Prevention.
36. Etiopathogenetic factors in the development of infertility.
37. Examination of a married couple in a infertility marriage.
38. Modern principles and methods of treating female infertility.
39. Indications for the use of assisted reproductive technologies.
40. Advice on the selection and use of the method of contraception.
41. Modern methods of contraception: classification, mechanism of action, advantages, disadvantages.
42. Examination before use, mode of use of contraception.
43. Postpartum and post-abortion contraception.
44. Medical criteria for the acceptability of contraceptive methods WHO: classification of categories.
45. Methods of contraception in women with HIV.
46. Physiology of pregnancy.
47. Perinatal fetal care.
48. Features of pharmacotherapy at different stages of pregnancy and in the postpartum period.
49. Issues of medical ethics and deontology.
50. Physiology of childbirth.
51. Modern principles of physiological birth.
52. Physiology of the postpartum period.
53. Methods of contraception in the postpartum period.
54. Physiology of the neonatal period.
55. Early gestosis: clinic diagnosis, treatment.
56. Hypertensive disorders in pregnancy: classification.
57. Edema during pregnancy.
58. Proteinuria during pregnancy.
59. Preeclampsia: clinic, diagnosis, treatment, management tactics.
60. Eclampsia: clinic, diagnosis, tactics, emergency care.
61. Rare forms of gestosis.
62. Prevention of late gestosis and rehabilitation.
63. Abortion: classification, clinic, diagnosis, treatment.
64. Preterm birth. Features of the management of preterm birth.
65. Prevention of miscarriage.
66. Postponed pregnancy: diagnosis, management tactics. Effect on the fetus and newborn. Prevention overexposure.
67. Multiple pregnancy: classification, diagnosis, management of pregnancy and childbirth.
68. Fetal transfusion syndrome, VZOP (intrauterine death of one fetus).
69. Anomalies of the bone pelvis.
70. Management of labor with a narrow pelvis.
71. Features of the course of childbirth with a large fetus, clinically narrow pelvis.
72. Pregnancy and childbirth with pelvic presentation.
73. Incorrect fetal position. Diagnostic methods and correction of the incorrect position of the fetus.
74. Features of obstetric tactics during pregnancy and childbirth, depending on the type of presentation and the position of the fetus.
75. Bleeding during pregnancy: clinical diagnosis, management tactics.
76. Bleeding during childbirth: clinic, diagnosis, management tactics.
77. Postpartum hemorrhage: clinical diagnosis, management tactics.
78. Hemorrhagic shock: clinic, diagnosis, emergency care.
79. ICE syndrome: clinic, diagnosis, emergency care.
80. Modern approaches to intensive care and resuscitation in obstetric bleeding.
81. Anomalies of contractile activity of the uterus: classification, methods of diagnosis and treatment.
82. Prevention of disorders of the uterine contractility.
83. Birth injury to mother and fetus: classification of ruptures of the perineum, vagina, cervix; diagnosis, management tactics.

84. Uterine rupture: classification, clinic, diagnosis, tactics, management features.
85. Features of pregnancy and childbirth in women with a scar on the uterus.
86. Prevention of obstetric injuries.
87. Pregnancy and childbirth in diseases of the cardiovascular system.
88. Pregnancy and childbirth with diseases of the urinary system.
89. Pregnancy and childbirth in diseases of the respiratory, digestive, nervous system, infectious diseases, and organs of vision.
90. Pregnancy and childbirth in diseases of the endocrine system.
91. Features of the course and tactics of pregnancy in acute surgical pathology.
92. Perinatal infections: clinic, diagnosis, management tactics, treatment, prevention.
93. The principles of pregnancy and childbirth in women with HIV.
94. Prevention of vertical transmission of HIV.
95. Types of surgical interventions for vaginal and abdominal delivery in obstetrics.
96. The main stages of obstetric operations. Anesthesia.
97. Management of the postoperative period.
98. Postpartum septic diseases: classification, etiology, pathogenesis.
99. Diagnosis, treatment principles, indications for surgical intervention in postpartum septic diseases.
100. Emergency care for septic conditions in obstetrics.
101. Prevention of postpartum septic diseases.
102. Placental dysfunction: etiology, pathogenesis, diagnosis, modern approaches to the management of pregnancy and childbirth.
103. Fetal distress: etiology, pathogenesis, diagnosis, modern approaches to the management of pregnancy and childbirth.
104. Delayed fetal development: etiology, pathogenesis, diagnosis, modern approaches to the management of pregnancy and childbirth.
105. Pathogenesis, diagnosis, management of immunoconflict pregnancy, selection of the optimal delivery period.
106. Prevention of immunoconflict pregnancy.
107. Anomalies in the development of the fetal egg. Trophoblastic diseases (cystic drift): classification, clinic, diagnosis, treatment.
108. Polyhydramnios and oligohydramnios: clinic, tactics of pregnancy and childbirth.

LIST OF PRACTICAL SKILLS

1. Collect and evaluate obstetric history.
2. Conduct an external obstetric study of pregnant women: Leopold's methods, pelviometry, diagnosis of the narrow pelvis, auscultation of the fetal heartbeat. Conducting an internal obstetric study.
3. Set the duration of pregnancy and childbirth, determine the expected weight of the fetus.
4. Assess the intrauterine condition of the fetus according to CTG, BPP, Doppler blood flow in the vessels of the umbilical cord.
5. To provide obstetric care during physiological birth. Management of the postpartum period.
6. Assess the condition of the newborn on the Apgar scale. Hold the primary toilet of the newborn.
7. Assess the nature of labor. To draw up a diagram of the medical correction of labor anomalies.
8. Develop emergency care algorithms for obstetric bleeding.
9. Develop emergency care algorithms for severe forms of preeclampsia.
10. Develop emergency care algorithms for shock conditions in obstetrics.
11. Develop emergency care algorithms for fetal distress during pregnancy and childbirth.
12. Collect and evaluate a gynecological history.
13. Inspect and palpate the mammary glands.
14. Conduct basic gynecological examinations (examination of the external genitalia, mirror examination, bimanual examination).
15. Collect material from the vagina, urethra and cervical canal.
16. Interpret the results of cytological, histological, bacterioscopic and bacteriological studies.
17. Interpret the results of colposcopic, ultrasound research.

18. Interpret the results of tests to diagnose the functional state of the ovaries.
19. Make a plan for the examination of patients with various types of gynecological pathology.
20. Plan treatment and prevention regimens for various types of gynecological pathology.
21. To develop an emergency care algorithm for uterine bleeding, an "acute abdomen".
22. To make a plan of preoperative preparation for planned and urgent gynecological operations. Management of the postoperative period.
23. Make an examination plan for a married couple with infertility.
24. Provide counseling on family planning and select various methods of contraception.
25. Provide counseling, diagnosis, treatment and prevention of sexually transmitted infections.

Technological map

Computer control Krok-2 as admission to the exam	1 hour	Class room
Written control of ticket knowledge	4 hours	Class room
Final computer testing	1 hour	Class room

Types and forms of control:

- computer testing;
- written control.

Literature (required):

1. Grishchenko V. I. Obstetrics and gynecology: a textbook: in 2 books. Prince 1: Obstetrics / B. I. Grishchenko, N. A. Shcherbina, B. M. Venzkovsky; Edited by: V.I. Grishchenko, N.A. Shcherbina. – Kiev: Medicine, 2012.– 416 p.
2. Zaporozhan, V. N. – Obstetrics and gynecology textbook: in 2 books. Book 1: Obstetrics / B. N. Zaporozhan. Kiev: Health, 2001. - 480 p.
3. Grishchenko V. I. Obstetrics and gynecology: a textbook: in 2 books. Prince 2: Gynecology / B. I. Grishchenko, N. A. Shcherbina, B. M. Venzkovsky; Edited by: V.I. Grishchenko, N.A. Shcherbina. – Kiev: Medicine, 2012.– 376 p.
4. Zaporozhan, V. N. Obstetrics and gynecology textbook: in 2 books. Book 2: Gynecology / B. N. Zaporozhan. - Kiev: Health, 2001. - 328 p.
5. Materials of lectures.

Literature (optional):

1. Liewellyn-Jones Derek. Fundamentals of Obstetrics and Gynaecology / Derek Liewellyn-Jones, Jeremy Oats, Suzanne Abraham. – 10-th Edition – Canada : Elsevier Limited, : 2017.
2. Obstetrics & Gynaecology : an Evidence-based Text for the MRCOG / edited by David M. Luesley and Mark D. Kilby. – Boca Raton : Taylor & Francis Group, 2016..
3. "Krok 2": site of the Testing Center at the Ministry of Health of Uraina [Electronic resource]. - Access mode: <https://www.testcent.org.ua/uK/Krok-2>.