

Exam syllabus 5th course

Obstetrics and Gynecology

Faculty of Medicine

Approved by
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Head of the Department



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. Anatomical and physiological characteristics of full-term and premature newborns. Hemolytic disease of newborn.
6. Multiple pregnancy.
7. Pregnancy and extragenital diseases.
8. Early toxicosis.
9. Preeclampsia and eclampsia – diagnosis, clinical manifestation and management.
10. Obstetrical hemorrhage. Bleeding during labor, placental stage and post-placental period.
11. Hemorrhage during the second half of pregnancy- Placenta Previa and Placental abruption.
12. Maternal birth trauma. Birth canal trauma. Uterine rupture – types, clinical manifestation, diagnosis and management.
13. Abortion –classification, causes, clinical manifestation, diagnosis and treatment.
14. Premature (Preterm) labor – causes, clinical manifestation, diagnosis and treatment. Signs of prematurity and management of preterm labor. Premature rupture of the amniotic membranes.

15. Physiological puerperium.
16. Pathological puerperium.
17. Cesarean section
18. Forceps and vacuum delivery: indications, prerequisites, technique of application
19. Shock in Obstetrics. DIC syndrome.
20. Gestational trophoblastic disease (GTD)
21. Inflammatory diseases of the female genital organs – Vaginitis - types, symptoms and treatment.
22. Uterine fibroids
23. Endometriosis
24. Cervical cancer
25. Endometrial cancer. Uterine sarcoma.
26. Ovarian tumors – general characteristics
27. Benign ovarian tumors – diagnosis and treatment.
28. Malignant ovarian tumors – diagnosis, treatment. Ovarian cancer.
29. Pelvic inflammatory disease (PID)
30. Pelvic organ prolapse. Uterine prolapse
31. Infertility in the family.
32. Contraception
33. Acute abdomen in gynecology.
34. Ectopic pregnancy – types. Tubal pregnancy – causes, symptoms, differential diagnosis, management.
35. Menopause and premenopause. Hormone replacement therapy.
36. Polycystic ovarian syndrome (PCOS)
37. Pediatric and adolescent gynecology
38. Anatomical and physiological characteristics of the female genital organs. Neuro-hormonal regulation of the menstrual cycle.
39. Dysfunctional uterine bleeding- in the adolescent years(Metrophatia haemorrhagica juvenilis) and climacteric bleeding(Methrophatia haemorrhagica climacterica)