



OBSTETRICS AND GYNECOLOGY EXAMINATION SYLLABUS

PART 1 OBSTETRICS

1. Fertilization, implantation and development of the fertilized egg.
2. Diagnosis and differential diagnosis of pregnancy.
3. Obstetric palpation. Leopold's maneuvers. Fetal habitus, situs, position and presentation.
4. Pelvic measures and methods for pelvimetry of normal and narrow pelvis.
5. Hygiene and nutrition in pregnancy. Gestational age and fetal weight estimation formulas.
6. Medications and pregnancy.
7. Organisation and targets of the women's health practice. Emergency obstetric care.
8. First stage of labor.
9. Second stage of labor.
10. Third stage of labor.
11. Normal puerperium.
12. Immediate care for the newborn.
13. Injuries and diseases of the newborn. Clinical and morphological assessment of the newborn.
14. Normal delivery- clinical observation and management. Mechanism of vaginal cephalic delivery.
15. Induction of labor. Active management of labor.
16. Breech presentation – classification. Mechanism of vaginal breech delivery. Complications of the mother and fetus.
17. Fetal malpresentation.
18. Cephalic presentation – brow, face and chin. Mechanism of delivery and management. Mechanism and management of asynclitism, deep cephalic transverse position of the head and high straight cephalic position.
19. Multiple pregnancy.
20. Abortion.
21. Preterm labor.
22. Preterm fetus. Small for gestational age.
23. Postterm pregnancy- diagnosis and delivery.
24. Abnormal labor (dystocia). Classification and management. Uterotonic drugs.
25. Obstetric analgesia and anesthesia.
26. Ectopic pregnancy.
27. Molar pregnancy. Chorionepithelioma.
28. Abnormalities of the placenta, membranes and umbilical cord.
29. Nausea and vomiting during pregnancy (hyperemesis gravidarum).
30. Preeclampsia. Classification, etiology, symptoms, diagnosis and treatment.
31. Eclampsia, eclampsia sine eclampsia and HELLP syndrome. Etiology, symptoms, diagnosis and treatment.
32. Cardiovascular and endocrine disorders in pregnancy.
33. Infectious diseases, hepatic and dermatological disorders in pregnancy.
34. Renal, urinary tract and neurological disorders in pregnancy.
35. Narrow pelvis.
36. Placenta previa.

37. Birth trauma of the mother.
38. Uterine rupture and other birth traumas of the mother.
39. Differential diagnosis of obstetrical shock.
40. Placental abruption.
41. Postpartum hemorrhage -before and after the delivery of the placenta.
42. DIC
43. Puerperal hemorrhage. Thrombosis and embolism.
44. Lactation and lactation disorders. Puerperal mastitis.
45. Puerperal infection (not including puerperal mastitis)
46. Antenatal and postnatal fetal distress.
47. Fetal distress. Ultrasound and biochemical diagnosis. MRI.Etiology.
48. Tocardiographie – normal and abnormal. Amniocentesis.
49. Preimplantation genetic diagnosis. Treatment options and prophylactic
50. Rh-isoimmunization in pregnancy
51. Role of prostaglandins in obstetrics.

PART 2 MINOR OBSTETRIC SURGERIES

52. Neonatal adaptation.
53. Elective surgical abortion – 1st and 2nd trimester
54. Shoulder dystocia.
55. Outlet forceps
56. Low forceps.
57. Vacuum extraction delivery.
58. Vaginal breech delivery. Manoeuvre of Tzovyanov, Bracht, Mueller,Lovset and the classic manoeuvre.
59. Vaginal breech delivery .Manoeuvres for releasing the fetal head. Manoeuvre of Mauriceau-Levre-Veit-Smellie.
60. External and internal version
61. . Breech extraction delivery.
62. Braxton Hicks version.
63. Cervical dilation methods. Caeserian section – types, indications and contraindications.
64. Manual extraction of the placenta. Manual and instrumental revision of the uterine cavity.
65. Utero-vaginal tamponade and other methods for managing uterine hypotonie.

PART 3 GYNECOLOGY

66. Menstrual cycle. Regulation.
67. Factors and hormones. Toxic shock syndrome during menstruation.
68. Amenorrhea. Dysmenorrhea.
69. Dysfunctional uterine bleeding. Diagnosis. Differential diagnosis.
70. Pediatric gynecology. Common conditions and treatment.
71. Climacteric. Hormon replacement therapy. Osteoporosis.
72. Diseases of vulva and vagina.
73. Non-inflammatory diseases of external and internal female genital organs.
74. Inflammatory diseases of uterus, adnexa and parametrium.
75. Pelvic inflammatory disease.
76. Acute abdomen of gynecological origin. Diagnosis, differential diagnosis and treatment.

77. Uterine myoma. Treatment methods.
78. Endometriosis. Treatment methods.
79. Cervical cancer.
80. Precancerous lesions of the cervix. Screening methods for cervical pre-cancer and cancer.
81. Uterine cancer. Uterine sarcoma. Early detection of endometrial pre-cancer and cancer.
82. Benign ovarian tumors.
83. Malignant ovarian tumors.
84. Assisted reproductive technology. In vitro fertilization and embryo transfer. Gamete transfer, ICSI and other modifications.
85. Infertility. Male infertility. Etiology and diagnosis. Treatment and prophylactic.
86. Infertility. Female infertility. Etiology and diagnosis. Treatment and prophylactic.
87. Abnormal position of female genitalia. Congenital anomalies of female genitalia.
88. Urine incontinence in women.
89. Family planning and reproductive health .Contraception
90. Antibiotic treatment and prophylactic in obstetrics and gynecology.

Literature

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