



OBSTETRICS AND GYNAECOLOGY STATE EXAMINATION SYLLABUS

1ST PART –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. Normal delivery. Stages of labor.
9. Normal puerperium. Immediate care for the mother.
10. Immediate care for the newborn.
11. Injuries and diseases of the newborn. Clinical and morphological assessment of the newborn.
12. Normal delivery- clinical observation and management. Mechanism of vaginal cephalic delivery.
13. Induction of labor. Active management of labor.
14. Breech presentation – classification.Mechanism of vaginal breech delivery. Complications of the mother and fetus.
15. Fetal malpresentation.
16. Cephalic presentation – brow , face and chin. Mechanism of deliveryand management.Mechanism and management of asynclitism, deep cephalic transverse position of the head and high straight cephalic position.
17. Multiple pregnancy.
18. Abortion.
19. Preterm labor-diagnosis , management and treatment.
20. Preterm fetus. Small for gestational age.
21. Postterm pregnancy- diagnosis, management and treatment.
22. Abnormal labor (dystocia). Classification and management.
23. Obstetric analgesia and anesthesia.
24. Ectopic pregnancy.
25. Molar pregnancy.Chorionepithelioma.Diagnosis and treatment.
26. Abnormalities of the placenta ,membranes and umbilical cord.
27. Nausea and vomiting during pregnancy(hyperemesis gravidarum).
28. Preeclampsia. Classification , etiology , symptoms , diagnosis and treatment.
29. Eclampsia , eclampsia sine eclampsia and HELLP syndrome. Etiology , symptoms , diagnosis and treatment.
30. Cardiovascular and endocrine disorders in pregnancy.
31. Narrow pelvis.
32. Placenta previa.
33. Birth trauma of the mother.
34. Uterine rupture and other birth traumas of the mother.
35. Placental abruption.
36. Postpartum hemorrhage -before and after the delivery of the placenta.
37. DIC
38. Puerperal hemorrhage. Thrombosis and embolism.

39. Lactation and lactation disorders.Puerperal mastitis.
40. Antenatal and postnatal fetal distress.
41. Fetal distress. Ultrasound and biochemical diagnosis.MRI.Etiology and treatment.
42. Tocardiographie – normal and abnormal. Amniocentesis.
43. Genetic counseling Treatment options and prophylactic
44. Rh-isoimmunization in pregnancy.Pathophysiology , diagnosis , amniocentesis and treatment.
45. Role of prostaglandins in obstetric.Biosynthesis ,indications and treatment.

2ND PART – MINOR OBSTETRIC SURGERIES

46. Elective surgical abortion – 1st and 2nd trimester
47. Outlet forceps
48. Low forceps.
49. Vacuum extraction delivery.
50. Vaginal breech delivery.Manoeuvres
51. External and internal version
52. Breech extraction delivery.
53. Cervical dilation methods.Caesarian section – types , indications and contraindications.
54. Manual extraction of the placenta. Manual and instrumental revision of the uterine cavity.
55. Utero-vaginal tamponade and other methods for managing uterine hypotonic.

3RD PART – GYNECOLOGY

56. Menstrual cycle. Regulation.
57. Hormones-levels of control , feedback.
58. Oligomenorrhea.Hypermeneorrhoea. Dysmenorrhoea.
59. Dysfunctional uterine bleeding.Diagnosis.Differential diagnosis.
60. Pediatric gynecology. Common conditions -diagnosis and treatment.
61. Climacteric.Hormon replacement therapy. Osteoporosis.
62. Diseases of vulva and vagina.
63. Non-inflammatory diseases of external and internal female genital organs.
64. Inflammatory diseases of uterus , adnexa and parametrium .
65. Pelvic inflammatory disease.
66. Acute abdomen of gynecological origin. Diagnosis, differential diagnosis and treatment.
67. Uterine myoma . Treatment methods.
68. Endometriosis. Treatment methods.
69. Modern oncogynecology.General aspects and types of treatment.
70. Cervical cancer.
71. Precancerous lesions of the cervix. Screening methods for cervical pre-cancer and cancer.Primary and secondary prophylactic.
72. Uterine cancer. Uterine sarcoma. Early detection of endometrial pre-cancer and cancer.
73. Benign ovarian tumors.
74. Malignant ovarian tumors.
75. Vulvar and vaginal cancer.
76. Assisted reproductive technology. In vitro fertilization and embryo transfer. Gamete transfer , ICSI and other modifications.
77. Infertility. Male infertility. Etiology and diagnosis. Treatment and prophylactic.
78. Infertility . Female infertility. Etiology and diagnosis. Treatment and prophylactic.
79. Abnormal position of female genitalia.Congenital anomalies of female genitalia.Harlyn-Werner-Wunderlich syndrome.

80. Urine incontinence in women. Diagnosis and treatment.
81. Family planning and reproductive health .Contraception
82. Antibiotic treatment and prophylactic in obstetrics and gynecology

Literature

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De Cherney, A Nathan L, 2012
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Hoffman B Schorge J, 2012
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8. Yearbook of Obstetrics Gynaecology 2011
Shulman LP, 2011
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10. O`Reilly B., Bottomley C., 2012
11. Bennett V.R., Brown, Textbook for Midwives, Churchill Livingstone, London, 1999
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