

1. Development of the genital ducts, vagina and external genitalia
2. Anatomy of female bony pelvis.
3. Anatomy of vulva and perineum
4. Anatomy of uterus and ovaries.
5. anomalies of the Female reproductive system-chromosome abnormalities
6. Pregnancy related respiratory, cardiovascular, hematologic and renal changes.
7. Pregnancy-related endocrinologic changes.
8. Fetal Physiology (circulation, placenta)
9. The purpose of antenatal care and diagnosis of pregnancy.
10. Initial antenatal evaluation
11. Subsequent antenatal evaluation.
12. Assessment of fetal growth and fetal well-being.
13. Assessment of fetal maturity
14. Changes before the labor, evaluation for labor. (leopold maneuvers).
15. Stages of labor and mechanism of labor.
16. Management of labor
17. Delivery and third stage of labor.
18. Intrapartum fetal heart rate monitoring
19. Initial assessment of newborn
20. Routine care of newborn
21. Physiology of the puerperium (involution of the uterus, lochia, return of ovarian function, cardiovascular system, renal system).
22. Management of the immediate postpartum care. (Uterine complications, Breast care, immunizations, care of the perineum, sexual activity)

23. lactation and breast feeding.
24. Postpartum period depression.
25. Isoimmunization (diagnosis, management, prevention).
26. Major causes of Post-Partum Hemorrhage
27. General management of Post-Partum Hemorrhage
28. Evaluation of the febrile postpartum patients
29. Endomyometritis
30. Septic pelvic thrombophlebitis
31. Mastitis (diagnosis, management)
32. Spontaneous abortion (Threatened abortion, inevitable abortion, complete abortion, missed recurrent abortion)
33. Induced abortion, septic abortion.
34. Ectopic pregnancy (causes of ectopic pregnancy).
35. Tubal pregnancy (symptoms, physical findings, diagnostic procedures)
36. Management of ectopic pregnancy
37. Nontubal ectopic pregnancy
38. Anemia in pregnancy (iron deficiency anemia, folate deficiency anemia, fetal consequences of maternal anemia, the hemoglobinopathies.)
39. Classification of diabetes in pregnancy
40. Lab. Diagnosis of glucose intolerance/diabetes in pregnancy
41. Management of diabetes in pregnancy.
42. Urinary tract disorders in pregnancy
43. Hypertensive disease in pregnancy (classification, pathophysiology, evaluation, management).
44. Management of preeclampsia
45. Intrauterine Growth Restriction (cause, evaluation and management.)
46. Preterm labor (cause, prediction and prevention)

47. Management of preterm labor
48. Premature rupture of membranes (diagnosis, management)
49. Preterm premature rupture of membranes (diagnosis, management).
50. Contraception, how contraceptives work
51. Hormonal contraceptives (types of hormonal contraceptives, effects of hormonal contraceptives.)
52. Injectable and implantable hormonal contraceptives
53. Barrier contraceptives (condoms, diaphragm and cervical caps)
54. Intrauterine devices.
55. Postcoital emergency contraception
56. Sterilization of men(vasectomy)
57. Sterilization of women (laparoscopy, laparotomy, hysteroscopy).
58. Vulvitis (pathogenesis, diagnosis, management)
59. Vaginitis: (trichomonas Vaginitis, candida Vaginitis)
60. STD. specific infections-herpes genitalis (clinical course, physical examination, treatment.)
61. Pelvic inflammatory disease: chlamydia trachomatis-clinical course, diagnosis (Fitz-Hugh-Curtis syndrome), treatment.
62. Pelvic inflammatory disease: Gonorrhea- clinical manifestation, diagnosis, treatment.
63. Pelvic inflammatory disease: Human Papilloma virus- clinical manifestation, diagnosis, treatment.
64. Pelvic inflammatory disease: Syphilis- clinical manifestation, diagnosis, treatment.
65. Endometriosis: Pathogenesis, classification, diagnosis.
66. Endometriosis-treatment (Observation, medical therapy, surgical therapy.
67. Dysmenorrhea-primary and secondary, clinical evaluation, assessment, therapy.
68. Chronic pelvic pain-assessment, therapy.
69. Gyn Procedures: ultrasonography, MRI, CT, mammography, hysterosalpingography.

70. Amenorrhea- causes of amenorrhea, treatment
71. Dysfunctional Uterine bleeding-diagnosis, treatment.
72. Menopause-definition, hormonal changes in menopause
73. Symptoms and signs of ovarian failure in menopause (menstrual cycle alterations, hot flashes, sleep disturbances, genital tract atrophy, mood changes, osteoporosis, cardiovascular lipid changes).
74. Management of menopause.
75. Infertility-causes of infertility
76. Treatment of infertile couple
77. Premenstrual syndrome-etiology, differential diagnoses, diagnoses, treatment.