PART 1 OBSTETRICS

1. Fertilization, implantation and development of the fertilized egg.
2. Diagnosis and differential diagnosis of pregnancy.
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.
8. First stage of labor.
9. Second stage of labor.
10. Third stage of labor.
11. Normal puerperium.
12. Immediate care for the newborn.
15. Induction of labor. Active management of labor.
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.
23. Postterm pregnancy – diagnosis and delivery.
25. Obstetric analgesia and anesthesia.
28. Abnormalities of the placenta, membranes and umbilical cord.
29. Nausea and vomiting during pregnancy (hyperemesis gravidarum).
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.
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.
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.
60. External and internal version
61. Breech extraction delivery.
62. Braxton Hicks version.
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

68. Amenorrhea. Dysmenorrhea.
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.
77. Uterine myoma. Treatment methods.
78. Endometriosis. Treatment methods.
80. Precancerous lesions of the cervix. Screening methods for cervical pre-cancer and cancer.
82. Benign ovarian tumors.
83. Malignant ovarian tumors.
86. Infertility. Female infertility. Etiology and diagnosis. Treatment and prophylactic.
88. Urine incontinence in women.
89. Family planning and reproductive health. Contraception
90. Antibiotic treatment and prophylactic in obstetrics and gynecology.

**Literature**

3. Obstetrics and Gynaecology: Essentials at Clinical Care
   Reece EA Barbieri RL, 2010
4. Management of Common Problems in Obstetrics and Gynaecology
   Goodwin TM Moutotro MN, 2010
5. Current Diagnosis Treatment Obstetrics Gynecology
   De Cherney, A Nathan L, 2012
6. Williams Gynecology
   Hoffman B Schorge J, 2012
7. Berek and Novak’s Gynecology
   Berek J.S., 2012
8. Yearbook of Obstetrics Gynaecology 2011
   Shulman LP, 2011
9. Essentials of Obstetrics and Gynaecology