Department of Obstetrics and Gynaecology

Term exam for 4th year medical students

I. Physiology of pregnancy and delivery.

1. Anatomy, physiology and biology of placenta.
2. Intrauterine development of the embryo and fetus.
4. Extragenital changes during pregnancy.
5. Habitus, situs, position and presentation of the fetus.
6. Obstetrical history.
8. Diagnosis of advanced pregnancy. Leopold's manoeuvres.
9. Ultrasound diagnostics in obstetrics.
10. Auscultation of fetal heart sounds. Modern methods of diagnosing fetal heart sounds.
12. Early signs of labor: causes and signs of labor in progress.
15. Stage of placenta delivery period: physiology and management.
16. Birth traumas in the newborn.
17. Multiple pregnancy.
18. Delivery mechanism in anterior occipital presentation.
19. Delivery mechanism in deep right occipito-posterior presentation.
20. Delivery mechanism in anterior-cranial presentation.
21. Delivery mechanism in brow presentation.
22. Delivery mechanism in face presentation.
23. Delivery mechanism in breech presentation.
24. High right and deep transverse cephalic presentation.
25. Asynclitic deliveries.
26. Transverse and oblique presentation of fetus.
27. Anaesthesia of delivery.
28. Galactopoiesis, galactogenesis and methods to suppress lactation.
29. Normal puerperium.
30. The preterm baby: clinical characteristics.
31. Diseases of the newborn.

II. Pathology of pregnancy and delivery.
33. Pre-term delivery.
34. Post term pregnancy.
35. Extrauterine pregnancy: types; tubal pregnancy - causes, clinical presentation, diagnosis, management.
36. Molar pregnancy.
37. Chorionepithelioma.
38. Hydramnion and oligohydramnion.
41. Late toxicoses. Forms. Etiology and management.
42. Preeclampsia and eclampsia: Clinical presentation, diagnosis and management.

Forced Oscillation Technique (FOT)
44. Diabetes and pregnancy.
45. Cardiovascular disease and pregnancy.
46. Urinary system disorders and pregnancy.
47. Infectious diseases (rubella, toxoplasmosis, hepatitis, syphilis, AIDS) and pregnancy.
49. Low labor activity – types, causes, management. High labor activity.
50. Narrow pelvis – classification, diagnosis, management.
51. Problems and complications in soft parts of the birth canal and organs adjacent to the uterus during delivery.
52. Big and giant fetus.
53. Malformation of the fetus.
54. Placenta praevia: clinical presentation, diagnosis and management.
55. Premature abruption of normally attached placenta.
56. Hemorrhage during placenta period.
58. Ruptures: types, causes, signs, diagnosis and management.
60. Controlled delivery.
61. Fetus at risk. Diagnostic methods.
63. Emergency obstetrical and gynecological care at the maternity hospital.
64. Aseptic thrombosis and puerperal thrombophlebitis.
66. Puerperal infection: history, causes, forms.
67. Puerperal endometrites, adnexites, parametrites.
68. Puerperal pelvioperitonitis and peritonitis.
69. Puerperal sepsis.
70. Disturbances of lactation. Abnormalities and diseases of the nipple. Rhagades.
Puerperal mastitis.
71. Anticonception.

III. Surgical obstetrics
73. Surgical interventions to widen the soft birth canal.
74. Outlet (Wrigley’s) forceps: purpose, conditions, indications.
75. Oblique forceps: purpose, conditions, indications and technique.
76. Outlet forceps in anterior occipital presentation.
77. Manual assistance in breech presentation: definition, types, techniques.
78. Vacuum extractor: purpose, conditions, indications and technique.
79. Manual extraction of fetus by the foot: definition, technique.
80. Manual extraction of fetus in fixed in fixed breech presentation.
81. Manual extraction of fetus in versatile breech presentation.
82. External version.
83. Typical version: types, indications, conditions, techniques.
84. Cranial perforation and cranioclasia. Craniotraction.
85. Cranial perforation.
86. Decapitation.
87. Cesarean section. Indications, conditions, types, technique.

IV. Gynecology
89. Gynecological history.
93. Menstrual disorders.
94. Amenorrhea – types, management.
95. Dysmenorrhea.
97. Acute and chronic endocervicitis. Erosions.
98. Endometrites.
100. Descending and prolapse of the uterus and vagina.
101. Uterine myoma.
102. Endometriosis.
103. Cervix cancer.
104. Malignant tumors of the uterine body.
106. Benign ovarian tumors.
107. Malignant ovarian tumors.
108. Adnexitis and parametrits.
112. Pediatric and adolescent gynecology: some specific features of pediatric and adolescent gynecology

Approved by
Head of Department of Obstetrics and gynaecology
Assoc. Prof. Y. Popov, MD, PhD

Recommended literature:
1. Учебник по акушерство за студенти по медицина, п/р проф. Ал. Хаджиев и проф. Ил. Карагьозов, МФ – 1994.
3. Ръководство по акушерство и гинекология за практически упражнения на студенти по медицина, п/р проф. Мирков, МФ 1985.
4. Акушерство; учебник за студенти по медицина; под редакцията на Проф. Ангел Димитров, Медицинско издателство АРСО – 2014;

5. Гинекология; учебник за студенти и специализанти по медицина; под редакцията на Проф. Ангел Димитров и Проф. Виктор Златков, Медицинско издателство АРСО – 2013;


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