

SUBJECTS FOR THE COMPETITION EXAM
FOR THE POSITION OF UNIVERSITY LECTURER

position 14 from The State of Functions of

The Department of Surgical Discipline from the academic year 2022-2023

Obstetrics and Gynecology

1. Clinical anatomy and physiology of the genital organs
 1. Anatomy (1, pg. 16-34)
 2. Notions of reproductive endocrinology (2, pg. 400-435)
2. Normal pregnancy
 1. Maternal physiology (1, pg. 46-72)
 2. Preconception consultation (1, pg. 156-165)
 3. Prenatal care (1, pg. 168-189)
 4. Prenatal diagnosis (1, pg. 283-302)
3. Abortion (1, pg. 350-371)
4. Gestational trophoblastic disease (2, pg. 898-917)
5. Antepartum obstetric haemorrhages (3, pg. 335-347)
6. Medical and surgical complications in pregnancy (1, pg. 926 - 1282)
7. Ultrasound in obstetrics and gynecology (1, pg. 194 - 222), (4, pg. 805-833)
8. Fetal medicine
 1. Embryogenesis and fetal morphological development (1, pg. 127-151)
 2. Genetics (1, pg. 259-280)
 3. Teratology (1, pg. 240-255)
 4. Antepartum and intrapartum fetal monitoring (3, pg. 377-389)
 5. Fetal growth restriction (1, pg. 874-884)
 6. Fetal distress (1, pg. 491-497)
 7. Fetal death (1, pg. 661-666)
9. Normal and pathological birth
 1. Normal birth (3, pg. 351-360)
 2. Dystocic presentations (3, pg. 361-376)
 3. Labour abnormalities (3, pg. 391-406)
 4. Operative vaginal birth (3, pg. 407-418)
 5. Analgesia and anaesthesia in obstetrics (3, pg. 557-563)
 6. Postpartum hemorrhage (3, pg. 511-532)
 7. Newborn. Newborn care (1, pg. 624-635)
10. Fetal anaemia. Alloimmunisation (1, pg. 306-313)
11. Hypertensive disease in pregnancy (1, pg. 728-770)
12. Multiple pregnancy (1, pg. 891-920)
13. Preterm birth (1, pg. 829 - 855)

14. Prolonged pregnancy (1, pg. 862 - 870)
15. Pathology of fetal appendages
 1. Placental, amniotic membrane and umbilical cord abnormalities (1, pg. 116 - 124)
 2. Amniotic fluid (1, pg. 231-238)
16. Leukemia
 1. Physiological leukemia (1, pg. 668 - 679)
 2. Puerperal complications (1, pg. 682 - 692)
17. Vital emergencies in obstetrics
 1. Sepsis and shock in obstetrics (5, pg. 223-239)
 2. Amniotic fluid embolism (5, pg. 243-257)
 3. Peripartum maternal collapse (5, pg. 265-287)
18. Syndromes in gynaecology
 1. Menstrual cycle disorders: abnormal uterine bleeding - menorrhagia, dysfunctional metrorrhagia (2, pg. 219-240), amenorrhoea (2, pg. 440-457)
 2. Pelvic pain (2, pg. 304-328)
19. Gynaecological infections (2, pg. 64-107)
20. Extrauterine pregnancy (2, pg. 198-215)
21. Endometriosis (2, pg. 281-298)
22. Congenital abnormalities of the genital organs (2, pg. 481-503)
23. Disorders of pelvic statics: urinary incontinence (2, pg. 606-632) and organ prolapse pelvic organs (2, pg. 633-658)
24. Benign and pre-invasive gynaecological pathology
 1. Benign and preinvasive pathology of the lower reproductive tract (2, pg. 110-128; 730-763)
 2. Uterine tumours (2, pg. 246-261)
 3. Ovarian and tubal tumours (2, pg. 262-274)
 4. Benign and pre-invasive breast pathology (2, pg. 333-345)
25. Gynaecological cancers
 1. Cervical cancer (2, pg. 769-789)
 2. Vulvar cancer (2, pg. 793-806)
 3. Vaginal cancer (2, pg. 808-815)
 4. Cancer of the uterine body. Endometrial cancer (2, pg. 817-834). Uterine sarcoma (2, pg. 839-850)
 5. Ovarian cancer: Epithelial ovarian cancer (2, pg. 853-874). Cell tumours ovarian germ cells and stromal cells of the sexual cords (2, pg. 879-894)
 6. Breast cancer (2, pg. 345-352)
26. Paediatric gynaecology (2, pg. 382-397)
27. Menopause (2, pg. 554-586, 588-600)
28. Evaluation of the infertile couple (2, pg. 507-526)
29. Contraception and infertility (2, pg. 132-149 and 152-164)
30. Ultrasound in obstetrics and gynaecology
31. Cardiotocographic monitoring
32. Birth attendance in cranial and pelvic presentations, episiotomy/rhaphy
33. Forceps application in OP, OS, OIDA, OISA
34. Application of video extractor
35. Internal version
36. Shoulder dystocia manoeuvres
37. Caesarean section
38. Cervical cerclage

39. Postpartum cervical and perineal lacerations
40. Biopsy, ablative and destructive procedures on the cervix
41. Colposcopy
42. Cervico-vaginal sampling
43. Uterine curettage
44. Diagnostic laparoscopy (including chromopertubation)
45. Diagnostic hysteroscopy
46. Operative laparoscopy (adhesiolysis, tubal sterilisation, salpingostomy, salpingectomy, ovarian cystectomy)
47. Operative hysteroscopy (polyp resection, myoma type 0-1, < 4 cm)
48. Investigations for genital prolapse and SUI (POP-Q score)
49. Surgical treatment of benign breast tumours
50. Anterior colporrhaphy. Colpoperineorrhaphy.
51. Annexeotomy
52. Myomectomy
53. Abdominal hysterectomy in benign uterine pathology
54. Vaginal hysterectomy
55. Marsupialization/excision of (vulvar) cyst/abscess
56. Treatment of complicated wound
57. IUD insertion
58. Placement of a pessary (in case of prolapse or threat of premature birth)

BIBLIOGRAPHY

1. Williams Obstetrics, 24th ed., Treatise F. Cunningham, Kenneth Leveno, Steven Bloom, Catherine Spong, Jodi Dashe, Barbara Hoffman, Brian Casey, Jeanne Sheffield, Coordinating Editor for Romanian version Prof. Dr. Radu Vlădăreanu. Hipocrate Publishing House, Bucharest, 2017.
2. Williams Gynaecology, 2nd ed., Hoffman, Schorge, Schaffer, Halvorson, Bradshaw, Cunningham, Coordinator of the Romanian edition Prof. Dr. Radu Vlădăreanu, Hipocrate Publishing House, Bucharest, 2015.
3. Treatise of Surgery, 2nd ed. V Obstetrics and Gynaecology, edited by Irinel Popescu, Constantin Ciuce, Coordinator: Gheorghe Peltecu, Romanian Academy Publishing House, Bucharest, 2014.
4. Callen, Ultrasonography in Obstetrics and Gynecology. Mary Norton, Leslie Scoutt, Vickie Feldstein. 6th edition, coordinated in Romanian: Radu Vlădăreanu, Bucharest, Hipocrate Publishing House, 2017.
5. Intrapartum Obstetric Emergencies, Editors: Gheorghe Peltecu, Anca Maria Panaitescu, Radu Botezatu, George Iancu, Editura Academiei Române, 2017.

First Aid

1. Introduction to the emergency system.
2. Ethical-legal aspects related to the provision of first aid.
3. Mobilization of victims: safety position, mobilization and transport of victims, assisting the patient on the move, handling various transport equipment and immobilizing victims
4. Patient assessment

5. Airway and ventilation
6. Cardiopulmonary resuscitation
7. Medical emergencies
8. First aid in poisoning
9. First aid in hemorrhages, shock and soft tissue injuries
10. First aid in musculoskeletal injuries
11. Special rescue situations
12. Interventions and the necessary equipment
13. Complementary techniques

Bibliography

- 1."Prim ajutor calificat" - Ministerul administrației și internelor/Ministerul sănătății.
- 2."Medicina de Urgență" - Editura Casa Cartii de Știință, T.Ziegenfus, Cluj-Napoca, 2001.