

“Затверджено“
на методичній нараді кафедри акушерства,
гінекології та планування сім’ї
медичного інституту СумДУ
протокол № _____
від “ _____ “ _____ 2021р.

Methodical development

independent work of a student in the discipline "Obstetrics"

Topic: Anomalies in the development of the fertilized egg. Multiple pregnancy

Number of hours - 3.

Purpose: to study the concept of "multiple pregnancy", the causes of multiple births, different options for the development of multiple births (classification), features of pregnancy and possible complications of multiple births, methods of diagnosing multiple pregnancies, features of pregnancy and childbirth with multiple births.

The student must: diagnose multiple pregnancies, develop tactics for multiple pregnancies and birth control, determine the position of the fetus in the uterine cavity.

Class organization:

I. Testing: 20 tests.

II. Key issues:

1. Definition of "multiple pregnancy".
2. Causes of multiple births.
3. Different options for the development of multiple births (classification)
4. Features of pregnancy and possible complications of multiple births.
5. Methods of diagnosis of multiple pregnancy.
6. Features of multiple pregnancy.
7. Features of childbirth in multiple births.
8. Definition of "polyhydramnios".
9. Etiology of polyhydramnios.
10. Polyhydramnios Clinic.
11. Complications during pregnancy and childbirth with polyhydramnios.
12. Methods of treatment of polyhydramnios.
13. Definition of "low water".
14. Etiology of dehydration.
15. Diagnosis of dehydration.

16. Possible complications of dehydration.
17. Treatment of dehydration.
18. Hedative mole.
19. Hereditary and congenital diseases of the fetus. Diagnosis.
20. Indications for medical and genetic counseling.
21. Anomalies of extraembryonic elements of the ovum / placenta, amniotic membranes and umbilical cord.

III. Practical experience:

1. Examination of pregnant women with multiple births, history taking, assessment of risk factors for complications during pregnancy, childbirth and in the early postpartum period.
2. Carrying out auscultation of fetus.
3. Practice of external obstetric examination to determine the position, type, position of the fetus.
4. Performing the stages of the operation of the classic external-internal (combined) rotation of the fetus and pulling the fetus by the leg on the phantom.

IV. Solving situational problems.

Tasks for self-training and self-correction of the initial level of skills

1. When the mother enters the maternity hospital, multiple births are established. Pregnancy is full-term, pelvis is normal, labor is active, both fetuses are in the main presentation, her condition is satisfactory. Determine the tactics of childbirth?

Answer: Childbirth should be performed conservatively through the natural birth canal.

2. Pregnant 23 years, pregnancy 18 weeks, second. The first pregnancy ended in a premature birth, the child died on the 5th day from a congenital kidney defect (which the pregnant woman does not know for sure). Examination revealed that the volume of the uterus is much smaller than the gestational age, according to a previous ultrasound examination of IAR less than 4 cm. What pathology of pregnancy can be thought of. What additional measures should be taken?

Answer: A pregnant woman has moderate dehydration. To rule out congenital kidney disease, a consultation with a medical and genetic center is required.

3. After a viral infection in a pregnant woman at 25 weeks of gestation, a rapid enlargement of the uterus was detected. Pregnant woman indicates general malaise, abdominal pain, edema. Objectively increased relative to the gestational age of the uterus, positive symptoms of fluctuations and running, tension of the uterine wall, unstable position of the fetus. What is the preliminary diagnosis?

A. Multiple pregnancy.

B. Polyhydramnios.

C. Low water.

D. Large fetus.

4. A first-born woman with a full-term pregnancy and regular childbirth was taken to the maternity ward by ambulance for 4 hours, the water did not drain. Examination revealed that the pregnancy is a twin, the first fetus in pelvic presentation, the second in the main. Opening of the cervix 4 cm, the condition of the fetus is satisfactory, labor is progressing. What are the obstetric tactics?

A. Conduct labor through the natural birth canal.

B. Cesarean section.

C. Perform an amniotomy, start stimulation with oxytocin.

D. Determine when the cervix is fully open.

5. Pregnant 25 years with a delayed pregnancy, in the last week there is a decrease in abdominal volume. Vaginal examination revealed almost no anterior amniotic fluid. According to ultrasound, the amniotic fluid index is 5 cm. 12 What is the previous diagnosis?

A. Delayed fetal development.

B. Delayed pregnancy. Moderate dehydration.

C. Delayed pregnancy. Severe dehydration.

D. Premature discharge of amniotic fluid.

Recommended reading:

1. Obstetrics and gynecology: textbook: in 2 books. Book 1 Obstetrics: Obstetrics / BM Ventskivsky, MO Shcherbina, VI Grishchenko [etc.]; - 4th ed., Ed. - K.: Медицина, 2020. – 424 p.

2. Obstetrics and gynecology: textbook: in 2 books. Book 2 Gynecology / VB Ventskivsky, MO Shcherbina, VI Grishchenko [etc.]; - 3rd ed., Ed. - K.: Медицина, 2020. - 376 p.

3. Workshop on obstetrics / II Bachynska - K .: "Medicine", 2021. - 104 p.

4. Workshop on phantom obstetrics / P. Yavirsky, V. Shatylo, T. Yavirska - K .: "Medicine", 2017 - 144 p.

5. Workshop on gynecology / A.M. Vavilova - K .: "Medicine", 2019. - 96 p.

6. Clinical obstetrics and gynecology / A. Brian, Magovan, Philip Ouden, Andrew Thomson; scientific editor of the translation M. Shcherbina - K .: "Medicine", 2021. - 512 p.

7. Oxford Textbook of Obstetrics and Gynecology / Sabaratnam Arulkumaran, Wiliam Ledger, Lynette Denny, Stergios Doumouchsis - Oxford University Press, 2020, 928 p.

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