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| ОҢТҮСТІК ҚАЗАҚСТАН MEDISINA AKADEMIASY «Оңтүстік Қазақстан медицина академиясы» АҚ |  | SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия» |
| Department of Obstetrics and gynecology | 044-34/16 | |
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**Guidelines for teaching clinical skills at the practical skills center
(using the execution algorithm)**


Specialty: 5B130100 "General medicine"

Discipline: Obstetrics

Course: 4

Department: Obstetrics and gynecology


Compiled By: Kulbayeva S. N., Junussova R. K.

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Considered at the meeting of the Department of obstetrics and gynecology


Protocol № 01 « 28 » 08 2022y.


Head of the Department, PhD, Ass.s Professor  **S. N. Kulbayeva**


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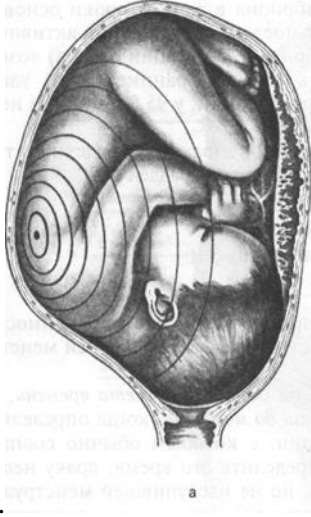
- 1. Clinical skills name:** algorithm for performing 4 Leopold maneuvers
- 2. Training objectives:** to teach the technique of external obstetric examination with the use of a Phantom and dummies, to develop skills and competences.
- 3. Time for demonstration of skills on a preliminary briefing and a dummy-**5 minutes.
- 4. Time to master skills-**10 minutes
- 5. The necessary theoretical knowledge for the development of skills:** Anatomy of the pelvic organs, pelvic bones
- 6. Simulator, mannequin, list of models:** phantom Nadejda, Afrodita.
- 6. List of medical instruments and equipment:** simulator Aphrodite for carrying out 4 receptions of Leopold-Levitsky, a set for newborns, a partogram scheme, a stethoscope, a centimeter tape.
- 7. The execution of skills**

| № | Step-by-step actions (in the absence of a doctor) | executed | Not executed | notice |
|---|--|----------|--------------|--------|
| 1 | <p>Greet the patient. Introduce yourself. Explain to the patient the procedure for taking a smear for purity. Ask her consent. Stands the right of the pregnant face-to-face women. The palms of both hands are placed on the bottom of the uterus, the ends of the fingers are directed to each other, but do not touch, and determines the height of the bottom of the uterus.</p>  | | | |
| 2 | <p>Then move hands from the bottom of the uterus on the lateral surface of the uterus. Palmar surfaces of the hands produces palpation of the lateral parts of the uterus. Understanding the location of the back, and small parts of the fetus, make a</p> | | | |

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| | <p>conclusion about the location, the position and view of the fetus: the location of the fetal back on the left indicates the I position, to the right – about II the position, the fetal back is on the front - the front view, back is on the back – back view.</p>  | | | |
| 3 | <p>Then determine presenting part of the fetus, the right hand sets on the symphysis, and the fingers captures presenting part. When identifying the dense and balloting part speaks of head presentation, when identifying the soft, non-balloting part-of</p> | | | |

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| | <p>pelvic presentation.</p> | | | |
| 4 | <p>Then determine the ratio of the protruding part to the planes of the pelvis. To do this, turn by face to the legs of the examined woman. The hands are located above the horizontal branches of the pubic bone. Gradually moving the hands between the presenting part and the plane of pelvic inlet, determine the attitude of the presenting part and the pelvic planes. Make a judgment about the prognosis of childbirth, based on knowledge about the location of the fetus.</p> | | | |


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| |  | | | |
| 5 | <p>Listening to the heart tones of the fetus. The stethoscope is installed depending on the nature of the part and position of the fetus. With head presentation - below the navel, with pelvic-above. At I position-on the left, at II position-on the right. Determine the heart rate (normal 120-160 beats / min, clear, rhythmic).</p> |  | | |

9. Tasks: using the execution algorithm for Leopold maneures and fetal auscultation

10. Materials for assessment on the topic of the lesson

Clinical case: woman, 33 years old, anamnesis-2 births, 1 abortion. She came to the clinic. Somatic healthy. Allergoanamnesis: without pathology. There were no operations, injuries. There was no blood transfusion.

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Diseases: frequent colds

Family history: without pathology

Social history: without pathology

Menstrual function: Menstruation from 13 years, during 4-5 days, every 30 days, painless.

Last menstruation: May 2, 2022, the 5th day of menstruation.

Sex life: since 20 years, married. Contraceptive method-a condom.

Reproductive function: birth -2, abortion-1, without complications, abortion-0.

Objectively: height 164 cm, Weight 60 kg. There are no peripheral tumors. In the lungs, breathing is vesicular, there is no wheezing. Respiratory rate per minute 18. the heart tones are clear, the rhythm is correct. Heart rate of 120/80 mm Hg..

Examination by a mirror: the cervix is clean, the vagina is clean. mucus in small quantities, light red. The results of the taken smear are normal, checked at the first reception.

During vaginal examination: the uterine body is dense, painless, the size, location is anteversion, anteflexion.

Task: take a smear on the degree of purity.

11. performance evaluation criteria

1. Completed the task completely.
2. Completed the task in full or in part.
3. The specified task is not fully completed.

12. Literature: basic and additional


1. Clinical recommendations based on evidence-based medicine: TRANS. /Under the editorship of J. L. Shevchenko, I. N. Denisov, V. I. Kulakov, And R. M. Haitova. - 2nd ed., ISPR. - Moscow: GEOTAR-MED, 2002. -1248 p.: II.


2. Obstetrics, gynecology and women's health, Medpress 2005, F. Carr


3. Gynecology. Handbook of a practical doctor., Honey.press 2004, Sylvia

13. Standard of correct answers based on materials for evaluation –

Leopold maneures and fetal auscultation fetal auscultation

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