MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS

«VITEBSK STATE ORDER OF PEOPLES’ FRIENDSHIP

MEDICAL UNIVERSITY»

DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

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|  | Approved at the meeting of the department  Protocol №1 02.09.2024 |

**METHODOLOGICAL INSTRUCTIONS FOR STUDENTS**

**for clinical practical classes**

in the discipline “Obstetrics and Gynecology”

speciality 1-79 01 01 “General Medicine”

V course Faculty of overseas students training

full-time education

**Lesson Topic:** Abnormal position of the female genital organs.

**Duration of the class:** 5 hours

**Authors:**

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**Motivational characteristics of the necessity of studying the topic:**

The problem of abnormal position of female genital organs is relevant in gynecology, since genital prolapse is observed in 10.0% of women under 30, 40.2% of women aged 30 to 45 and 50% of women over 50, and ranks third in the structure of indications for planned surgical treatment. Despite the variety of different surgical treatment methods, relapses of the disease still occur, associated not only with the failure of the restored pelvic floor muscles, but also with the imperfection of the surgical treatment. Therefore, solving this problem is especially important in the treatment of patients of reproductive and working age.

**Goals and objectives of the class:**

**Learning goals**

To know the pathogenesis, classification, diagnostics, methods of conservative and surgical treatment of the female genital malposition.

To study classification, diagnostics, methods of conservative and operative treatment of the ptosis and prolapse of genitalia.

**Developmental goals**

Formation of clinical mindset, development of attentiveness and observation while performing practical clinical tasks, development and improvement of communication skills “doctor-patient”, strengthening interest in the study of the topic of the class and nephrology in general.

**Formative goals**

Formation and development of the sense of mutual assistance, subordination, tact, empathy, responsibility for the assigned work, efficiency, accuracy, conscientiousness, understanding of the importance of the profession, familiarization with the norms of professional activity taking into account medical ethics and deontology in the management of nephrology patients.

**Lesson objectives**

During the study of the topic of the training session the student should

**learn:**

* pathogenesis, classification, diagnostics, methods of conservative and surgical treatment of the female genital malposition;
* classification, diagnostics, methods of conservative and operative treatment of the ptosis and prolapse of genitalia;
* classification, etiology, clinic, diagnosis, treatment of urinary incontinence;

**be able to:**

* carry out objective gynecological examination of a patient with a female genital malposition;
* chart a survey plan for patient with a pelvic organs prolapse;
* chart a treatment plan for patient with a pelvic organs prolapse;
* determine the indications for conservative treatment of the pelvic organs prolapse;
* determine the indications and contraindications for surgical treatment of the pelvic organs prolapse.

**practice:**

* basic techniques for examining patients with a female genital malpositions.

**Practical skills to be formed when class is conducted, including with the use of simulation training technologies:**

1. Examination of the cervix in speculum.

2. Bimanual vaginal-abdominal examination.

**Interdisciplinary and intra-disciplinary links**

For a full understanding of the topic of the class in the study, interpretation of the data obtained laboratory and instrumental methods of research, it is necessary to be guided by previous knowledge in the field of normal and pathological physiology, anatomy (including topographic), biochemistry, histology, pharmacology, propaedeutics of internal medicine, infectious diseases, clinical immunology and allergology.

**Theoretical part**

All necessary information for preparation for the lesson can be found in the distance learning system of VSMU (Faculties→ Faculty of Medicine→ Department of Obstetrics and Gynecology → Obstetrics and Gynecology (5th year Overseas Students Training Faculty). The presentation of theoretical material should be deep, consistent in accordance with the list of control questions on the topic of the class. References to the used sources should be indicated in the process of their mentioning according to the list of used literature. When presenting issues related to diagnosis and treatment, it is recommended to emphasize modern methods and recommendations (according to clinical protocols of the Ministry of Health of the Republic of Belarus, national and international clinical guidelines).

**Classroom control questions:**

1. Normal position of the female internal genital organs.

2. Main causes of abnormal position of the female genital organs.

3. Classification of abnormal position of the female internal genital organs.

4. Clinical manifestations of abnormal positions of the female genital organs.

5. Methods of diagnostics of abnormal positions of the female genital organs.

6. Methods of conservative treatment of abnormal positions of the female genital organs.

7. Classification of pelvic organ prolapse.

8. Clinical picture of pelvic organ prolapse.

9. Diagnostics of pelvic organ prolapse.

10. Indications for conservative treatment of pelvic organ prolapse.

11. Typical gynecological surgeries for pelvic organ prolapse.

12. Preoperative preparation and postoperative management of patients after surgery for pelvic organ prolapse.

13. Medical prevention of incorrect positions of female genital organs.

**Practical part**

Algorithms for completing practical skills can be found at <https://do2.vsmu.by/course/view.php?id=2062> (practical section, manual on practical skills in obstetrics and gynecology - video)

**Questions for student independent work**

Lecture "Displacement of the uterus. Pelvic organ prolapsed" (USR – 2.0 hours), see the link <https://do2.vsmu.by/mod/resource/view.php?id=219851>

Test "Displacement of the pelvic organs" (USR – 2.0 hours), see the link <https://do2.vsmu.by/mod/quiz/view.php?id=219944>

**Deadline for completion of student independent work:**

During the semester.

**LITERATURE:**

**Basic:**

1. Dutta D.C. Textbook of gynecology including contraception / textbook / Calcutta: New central book Agency (P) Ltd. - 2016. -574 P.

2. Гинекология : пособие / Н.И. Киселева [и др.]; под общ. ред. Н.И. Киселевой. – Витебск : ВГМУ, 2022. – 478 с.

**Additional:**

1. Сборник тестовых заданий по гинекологии для специальности 1-79 01 01 "Лечебное дело" = Multiple choice questionnaire on gynecology for the specialty 1-79 01 01 "General practice" / Л. Е. Радецкая [и др.]. - Витебск : ВГМУ, 2020. - 63 с. - Режим доступа: https://elib.vsmu.by/handle/123/22320

2. Obstetrics and gynecology: practical skills = Акушерство и гинекология: практические навыки : метод. рекомендации / Л. Е. Радецкая [и др.] ; М-во здравоохранения Республики Беларусь, УО "Витебский гос. ордена Дружбы народов мед. ун-т", Каф. акушерства и гинекологии. - (2-е изд., перераб. и доп.). - Витебск : ВГМУ, 2020. - 68 с. : ил. - Библиогр.: с. 67-68. - ISBN 978-985-580-009-6. - Режим доступа: https://elib.vsmu.by/handle/123/22909

3. Radeckaya, L. E. Obstetrics and gynecology: clinical tasks = Акушерство и гинекология: клинические задачи : метод. рекомендации / L. E. Radeckaya, E. A. Kolbasova ; М-во здравоохранения Республики Беларусь, УО "Витебский гос. ордена Дружбы народов мед. ун-т", Каф. акушерства и гинекологии. - Витебск : [ВГМУ], 2021. - 66 с. - Режим доступа: https://elib.vsmu.by/handle/123/23638

4. Radzinskiy, V. Е. (Радзинский В. Е. ) Gynecology : textbook / ed. by Radzinskiy V. Е. , Fuks А. М. - Москва : ГЭОТАР-Медиа, 2020. - 896 с. Режим доступа: https://www.studentlibrary.ru/book/ISBN9785970457993.html