PLAN OF LESSONS IN OBSTETRICS AND GYNECOLOGY
FOR 6th YEAR STUDENTS OF
FACILITY FOR INTERNATIONAL STUDENTS

Topic 1. Physiological pregnancy. Preparing the organism for childbirth

1. Diagnosis of pregnancy. Estimation of gestational age and prediction of expected date of delivery. Estimation of fetal weight

Topic 2. Physiological labor

3. The clinical course and management of the second stage of labor. Mechanism of labor.
5. Assessment of the condition of the newborn in the delivery room. Care for the newborn.

Topic 3. Pregnancy and extragenital diseases

1. Physiological changes in cardiovascular system during pregnancy.
4. Antihypertensive therapy during pregnancy.


5. Thyroid dysfunction during pregnancy. Management of pregnancy and labor. Pathology of fetus and newborn.


**Topic 4. Pregnancy and extragenital diseases**


2. Pyelonephritis in pregnancy: etiology, clinical course, diagnosis, treatment, prophylaxis, rehabilitation.


**Topic 5. Hypertensive disorders and pregnancy**


**Topic 6. Obstetric bleeding**
5. Injuries to the birth canal, obstetric hematomas: causes, clinical features, diagnosis, treatment.


4. Tocolysis, prevention of fetal and newborn RDS.

**Topic 8. Contracted pelvis. Abnormal uterine action**

2. Diagnostics. Course and management of pregnancy and childbirth.
5. Abnormal uterine action: causes, classification.
6. Uterine inertia causes, diagnosis, obstetrical tactics.
8. Incoordinate uterine action: spastic lower segment, constriction ring, cervical dystocia. causes, diagnosis, obstetrical tactics.


6. Pathogenetic mechanisms of the immunological conflict between mother and fetus. Reasons of mother’s sensibilization

**Topic 10. Operative obstetrics**

2. Examination of pregnant women before the operation of CS. Preoperative care. Anesthesia for CS: methods, medications, complications.
4. Intra- and postoperative complications of CS
7. Vacuum extraction of fetus: techniques, conditions, indications and contraindications, complications.

**Topic 11. Physiology and pathology of the puerperium**


**Topic 12. Pediatric gynecology**

1. Organization of gynecological care for girls and adolescents in the Republic of Belarus.

**Topic 13. Inflammatory diseases of the reproductive system**

1. Microflora of the genital tract in different age periods of women: the concept of normocenosis and dysbiosis.
2. Protection factors of the reproductive tract from pathogenic organisms. Methods of assessment of biocenosis of the vagina.


**Topic 14. Normal menstrual cycle and its neurohumoral regulation.**

**Menstrual disorders**
1. Anatomical and physiological features of the female reproductive system in different age periods.
5. Abnormal uterine bleeding. The PALM-COEIN classification system of causes.

**Topic 15. Neuroendocrine syndromes in gynecology**
1. Neuroendocrine syndromes: definition, classification.

**Topic 16. Hyperproliferative and hormone-dependent diseases of the female genital organs. Endometriosis.**
1. Background diseases of the cervix. Classification, clinical picture, diagnosis, treatment, prevention.
4. Endometriosis: definition, etiopathogenesis, clinical picture. Diagnosis of various forms of endometriosis, the main directions in the treatment and rehabilitation.
5. Uterine fibroids: etiopathogenesis, classification, clinical picture, diagnosis, differential diagnosis, the main directions of organ-preserving and radical treatment.
7. Dishormonal diseases of the mammary glands. Etiology, pathogenesis, clinical picture, diagnosis, treatment, prevention

**Topic 17. Emergency medical care in gynecology**
3. Twisting the leg of the ovarian tumor. Etiopathogenesis, clinical picture, diagnosis, treatment, prevention.
5. Other conditions in gynecology that require emergency care (abnormal uterine bleeding, trauma of the external genitals, perforation of the uterine wall during intrauterine manipulations, asubmucous node, necrosis of the myomatous node, rupture of the ovarian cyst capsule).
6. Preparation for planned and emergency gynecological operations.
7. Complications after gynecological operations, its prevention.
8. Management of the postoperative period in gynecological patients.