

ANNOTATION
work program of the discipline
"Obstetrics and gynecology"

| | |
|---|-------------------------------------|
| Speciality | 05/31/01 General medicine |
| Number of credits | In accordance with the RUP |
| Interim certification form (pass/pass with assessment/exam) | pass/pass with assessment/test/exam |

The work program of the academic discipline “Obstetrics and Gynecology” is compiled in accordance with the requirements of the Federal State Educational Standard of Higher Education 31.05.01 General Medicine.

1. The purpose of studying the discipline "obstetrics and gynecology" consists of mastering knowledge in the field of obstetrics and gynecology, taking into account further training and professional activities in the specialty "medicine", clinical and physiological characteristics of the reproductive system of women; processes occurring in the body of a woman with a physiological pregnancy; the process of normal childbirth, the physiological postpartum period; basic and additional methods of examination of pregnant women, women in labor and postpartum, treatment and prevention of diseases of the female reproductive system.

2. Summary of the discipline

Section 1: “Physiological obstetrics”

Subject obstetrics. Organization of obstetric and gynecological care in Russia. Clinical anatomy and physiology of female genital organs. Clinical and morphological features of the female reproductive system at different periods of life. Modern teaching about menstrual function. Physiology and diagnosis of pregnancy. Changes in the body during pregnancy. Research methods during pregnancy.

Fertilization and development of the fertilized egg. The influence of damaging environmental factors on the embryo and fetus. Physiological characteristics of the fetus during different periods of intrauterine life. Physiological birth. Methods of registration of labor activity. Theories of the biomechanism of childbirth. Clinic and management of childbirth. Postpartum period.

Birth in breech presentation, possible complications for the fetus and newborn.

Perinatology as a science, perinatal fetal protection.

The concept of miscarriage and post-term pregnancy.

Section 2: “Pathological obstetrics”.

Fetal hypoxia, newborn asphyxia. Possible complications and treatment methods.

Intrauterine infection of the fetus. Extragenital diseases and pregnancy.

Anomalies of generic forces. The course of labor in young and old primigravidas. Premature and delayed births. Tactics for managing premature birth, features of the condition of premature newborns.

Operative obstetrics (caesarean section, obstetric forceps).

Bleeding during pregnancy, childbirth and the postpartum period. Placenta previa. Premature abruption of a normally located placenta. Amniotic fluid embolism. DIC syndrome. Collapse, shock and terminal conditions in obstetric practice. Resuscitation methods.

Toxicoses of the 1st half of pregnancy. Preeclampsia. The role of antenatal clinics in the prevention of gestosis. Incorrect positions and presentations of the fetus.

The course of pregnancy and childbirth with Rh conflict.

Birth trauma. Postpartum septic diseases. Features of the course of postpartum diseases in modern conditions.

Narrow pelvis in modern obstetrics, clinically narrow pelvis, complications.

Physiology and pathology of the neonatal period.

Section 3: "Gynecology"

Organization of work of a gynecological hospital. Research methods.

Inflammatory diseases of the female genital organs (nonspecific and specific). Methods for preventing inflammatory diseases.

Menstrual dysfunction. Neuroendocrine syndromes in gynecology. Modern approaches to treatment, the significance of genetic pathology. Dysfunctional uterine bleeding.

Uterine fibroids, genital endometriosis. Prevalence of these pathologies, conservative methods of therapy.

Background and precancerous diseases of the cervix. Cervical cancer. Hyperplastic and precancerous diseases of the endometrium. Cancer of the uterus. Benign and malignant ovarian tumors. Methods for the prevention of malignant ovarian tumors.

Incorrect positions of the genital organs. Developmental disorders of the genital organs.

Infertile marriage and family planning issues.

Section 4: "Operative gynecology"

Abortions (artificial, spontaneous) Indications for termination of pregnancy for social and medical reasons. Examination outside of pregnancy.

Urgent state V gynecology. Ectopic pregnancy. Stages providing emergency care. Rehabilitation of patients after ectopic pregnancy.

Multicomponent treatment of fibroids and endometriosis – surgical with a reconstructive-plastic approach. Surgical treatment of fibroids in pregnant women.

Prevention and early detection of tumors of the female genital area, methods of surgical treatment. Trophoblastic disease.

Surgical treatment of position abnormalities using modern synthetic materials (implants, mesh prostheses)

Types of endoscopic surgical interventions, indications for use and technique. Methods of assisted reproduction, new reproductive technologies.

