Speciality "General Medicine"

ACADEMIC DISCIPLINE "OBSTETRICS AND GYNECOLOGY"
OBSTETRICS AND GYNECOLOGY MODULE

Academic discipline outline	Methods of examining pregnant women, women in labor, postpartum women, and newborns. Management of physiologically протекающей pregnancy, childbirth, and the postpartum period. Diagnosis and management of pathologically протекающих pregnancy, childbirth, and the postpartum period. Prevention of pathology development during pregnancy, childbirth, and the postpartum period. Methods of examining patients with gynecological diseases. Diagnosis and treatment of certain gynecological diseases. Medical examination of the female population and rehabilitation for gynecological pathology.
Resulting skills	Specialized competence. To carry out diagnostics and apply the principles of treating diseases of the female reproductive organs, managing pregnancy, childbirth and the postpartum period, and to provide medical assistance in emergency situations in obstetrics and gynecology.
Learning outcomes	A student must **know:** the goals, objectives, and organizational aspects of medical care in outpatient and inpatient settings in the Republic of Belarus for pregnant women, women in labor, women in childbirth, and patients with gynecological diseases; the causes of maternal, perinatal, and infant mortality; and the main health indicators of the female population; the sanitary and epidemiological regimen of obstetric and gynecological departments of hospitals, and measures to prevent nosocomial infections in maternity hospitals; the principles of ethics and deontology in obstetrics and gynecology; the physiological course of pregnancy, childbirth, and the postpartum period; the physiological processes occurring in the female reproductive system at different ages; methods of pregnancy diagnosis and fetal assessment; the principles of managing physiological pregnancy, childbirth, the postpartum period, and the neonatal period; Primary care of the newborn and the characteristics of the early neonatal period;

	Classification, clinical manifestations, diagnosis, differential diagnosis, treatment, and prevention of complications of pregnancy, childbirth, the postpartum period, and the early neonatal period; Etiology and pathogenesis of gynecological diseases and developmental anomalies of the female genital organs in different age groups; Classification, clinical presentation, diagnosis, differential diagnosis, indications for hospitalization, treatment, and prevention of major gynecological diseases; Key stages of surgical interventions in obstetrics and gynecology; Principles and methods of general and local anesthesia used in obstetrics and gynecology; Emergency conditions in obstetrics and gynecology, the scope of emergency care; Rehabilitation methods and clinical examinations for patients with gynecological diseases, complications of pregnancy, childbirth, and the postpartum period; **be able to**: identify risk factors for obstetric and gynecological pathologies; collect a general medical and obstetric-gynecological history from a pregnant woman, a woman in labor, a woman in childbirth, and a patient with a gynecological condition; conduct a general examination and assess the general condition of a pregnant woman, a woman in labor, a woman in childbirth, and a patient with a gynecological condition; conduct an objective external obstetric examination of a pregnant woman; interpret the results of clinical and laboratory examinations of pregnant women, women in labor, women in childbirth, and patients with gynecological conditions for the diagnosis and differential diagnosis of pathological conditions; identify the characteristics of pregnancy, childbirth, and the postpartum period; provide emergency medical care for preeclampsia; bleeding; hemorrhagic and infectious-toxic shock; disseminated intravascular coagulation (DIC) syndrome; Solve ethical issues related to medical history collection, prevention, diagnosis, and provision of medical care to pregnant women, women in labor, women in childbirth, and patients with gynecological diseases; **master:**

	methods for determining the gestational age and estimated date of delivery; methods for determining the estimated fetal weight; techniques for external obstetric examination; methods for assessing the volume of blood loss; methods for performing basic obstetric surgeries (assistance with breech presentation, assistance with shoulder dystocia, vacuum extraction of the fetus, application of obstetric forceps) on a phantom; techniques for conducting a special gynecological examination; techniques for collecting material from the cervix for cytological examination; techniques for collecting material from the urogenital tract for microscopic and bacteriological examination; Separate diagnostic curettage of the cervical canal and uterine cavity; Pipelle endometrial biopsy technique; Targeted cervical biopsy technique; Hysteroscopy technique; Test methods for diagnosing fallopian tube patency; Intrauterine contraceptive insertion technique; Mammary gland examination and palpation techniques; Hysterectomy technique
Semester(s)	7,8,9,10 semesters 11,12 semester - the sub-residency profile is “General Medical Practice”.
Prerequisite	Medical chemistry Bioorganic chemistry Medical and biological physics Biological chemistry Latin language Medical biology and general genetics Human anatomy Histology, cytology, embryology Normal physiology Microbiology, virology, immunology Pathological anatomy Pathological physiology Pharmacology Topographic anatomy and operative surgery Propaedeutics of internal diseases General surgery
Credit value	9 credits

Academic hours	374 academic hours, including 201 hours of classroom. Classroom hours: 30 hours of lectures and 171 hours of practical classes. The sub-residency profile is “General Medical Practice”: 300 academic hours, of which 200 class hours
Form of midterm attestation	Examination