

**Thematic lesson plan of lectures
in the discipline " Obstetrics and gynecology " for students of the educational
program of the specialty 31.05.01. General Medicine
(specialist's), form of study full-time
for the 2023-2024 academic year**

№	Topics of lectures	Hours (academic)
1.	Methods of examination in gynecology ¹ . Modern methods of examination of various pathology of the genitals. Instrumental methods. Minimally invasive diagnostic methods. Echoscropy of the fallopian tubes, metrosalpingography. Cytological studies Oncomarkers of blood and contents of the cervical canal in malignant transformations in the genitals ² .	2
2.	Inflammatory diseases of the genitals of non-specific etiology ¹ . Clinical forms of vulva disease. Diseases of the vagina. Inflammatory diseases of the cervix. Inflammatory diseases of the uterus, tubes and ovaries. Etiology, diagnosis and treatment of these diseases. Principles of local and general therapy. Complications. Differential diagnosis. Inflammatory diseases of the pelvic tissue. Pelvioperitonitis. Diagnostics. Therapy. Prevention. Physiotherapy of inflammatory diseases of the genitals. Rehabilitation ² .	2
3.	Inflammatory diseases of the genitals of a specific etiology ¹ . Gonorrhea, STI in women. Etiology. Classification. Gonorrhea clinic of the lower genitourinary tract. Ascending gonorrhea. Laboratory diagnostics. Features of the course and treatment of gonorrhea in pregnant women. Features of the course of chlamydia, mycoplasmosis, ureaplasmosis, HPV candidiasis and herpes infection at the present stage. The order of treatment, control and criteria of cure. Prevention ² .	2
4.	Violation of the menstrual cycle. Amenorrhea ¹ . Classification and clinical forms of menstrual disorders. Pathogenesis, clinic and diagnosis of amenorrhea of central genesis, ovarian and uterine forms. Methods of treatment of menstrual cycle disorders. Principles of regulation. Classification and clinical forms of menstrual disorders. Pathogenesis, clinic and diagnosis of amenorrhea of central genesis, ovarian and uterine forms ² .	2
5.	Abnormal uterine bleeding of ovulatory dysfunction ¹ . Abnormal uterine bleeding associated with ovarian dysfunction. Bleeding at puberty. Emergency care. Bleeding of the reproductive, perimenopausal periods. Tactical approaches. Methods of treatment of menstrual cycle disorders. Principles of menstrual cycle regulation ² .	2
6.	Abortions ¹ . Termination of pregnancy at various gestation periods. Indications for induced abortion. Classification of abortions. Modern methods of early termination of pregnancy. Modern methods of termination in late pregnancy. Complicated abortion. Infected and septic abortion. Criminal abortion ² .	2
7.	Uterine fibroids ¹ . Etiology. Morphopathogenesis. Clinic for different localization of the tumor. Methods of diagnosis and treatment. Indications for surgical treatment. Conservative myomectomies. EMA. Organ-bearing operations. Postoperative rehabilitation of patients ² .	2
8.	Endometriosis ¹ . Etiology, pathogenesis, classification of endometriosis. Clinical manifestations depending on the localization. Diagnostic methods. Modern concept of endometriosis treatment (conservative and operative stages). Clinical guidelines for the management of women with various forms of endometriosis ² .	2

9.	Modern methods of contraception ¹ . Medicinal and non-medicinal contraceptives. Indications. Contraindications. The principle of operation of medical contraception. Advantages and disadvantages of various methods of contraception. Contraception in adolescents. Contraception in different periods of a woman's life ² .	2
10.	A barren marriage. Diagnostics. Modern methods of treatment ¹ . Definition of "infertility" and "family planning". Modern tactical approaches in family planning. Algorithm of examination of a infertile couple. Classification, frequency of infertility. Causes of male infertility. Clinic and diagnosis of male infertility. Causes of female infertility. Frequency, clinic, diagnosis of tubal, endocrine, immunological forms of infertility. Modern methods of treatment. Treatment of various forms of infertility ² .	2
11.	Endometrial hyperplasia. Endometrial cancer ¹ . Background and precancerous conditions of the endometrium. Morphological features of hyperplastic processes and endometrial cancer. Uterine cancer. Clinical and morphological classification. Diagnostics. Clinical course of uterine body cancer. Classification according to the TNM system. Treatment planning. Uterine sarcoma. Pathogenesis. Histology. Clinical and morphological classification. Diagnostics. Treatment planning. Measures for the prevention and control of malignant diseases of the uterus ² .	2
12.	Trophoblastic tumors ¹ . Trophoblastic disease. The modern concept of trophoblastic disease. Morphological classification. Etiology. Prevalence. Diagnostics. Principles and methods of treatment ² .	2
13.	Benign ovarian tumors ¹ . Classification of benign ovarian tumors. Clinic. Diagnostics. Complications. Methods of treatment ² .	2
14.	Malignant ovarian tumors ¹ . Ovarian cancer. Ovarian sarcoma. Ovarian teratoblastoma. Malignant hormone-producing ovarian tumors. Classification. Clinic. Diagnostics. Differential diagnosis. Treatment. Prevention. Forecast. Examination of working capacity. ²	2
15.	Acute abdomen in gynecology ¹ (ectopic pregnancy, ovarian apoplexy). Ectopic aborted pregnancy. Features of the clinical picture, diagnosis, treatment methods ² .	2
16.	Acute abdomen in gynecology ¹ (twisting of the leg of ovarian neoplasm, violation of blood flow in the myomatous node, pelvioperitonitis) Twisting of the leg of an ovarian tumor, violation of the blood flow of the node of uterine fibroids, tubovarial inflammatory formations, pelvioperitonitis in gynecology. Features of the clinical picture, diagnosis, treatment methods. ²	2
17.	Anomalies of the development and position of the genitals ¹ . Abnormalities of the development of the genitals: doubling, absence of external and internal genitals. Methods of diagnosis and correction. Omissions and prolapses of the internal genitalia. Methods of diagnosis and correction. ²	2
18.	Background, precancerous tumors of the cervix. Cervical cancer ¹ . Background and precancerous conditions of the cervix. Clinical and morphological classification. Preinvasive cancer. Microinvasive cancer. Invasive cancer. Principles and methods of screening. In-depth diagnostics. Features of the clinical course. Treatment of background diseases, CIN, pre- and microinvasive cervical cancer. Treatment planning for invasive cervical cancer (classification according to the TNM system). Ways of metastasis. Forecast. ²	2
19.	Neuroendocrine syndromes in gynecology ¹ . Polycystic ovaries. Premenstrual syndrome. Menopausal syndrome. Adiposogenital syndrome. Metabolic syndrome related and unrelated to pregnancy. Postpartum hypopituitarism. Hypothalamic syndrome. Post-castration syndrome. Algodismenorrhea. ²	2

20.	Assisted reproductive technologies ¹ . The concept of assisted reproductive technologies in infertile marriage. ART methods. Indications and contraindications to ART. Complications of various ART methods. Modern IVF protocols. ²	2
	Total	40

¹ -Subject

² - essential content

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