

**Thematic plan of seminars
in the discipline "Innovative methods of diagnosis and treatment in
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**

№	Thematic blocks *	Hours (academic)
I. Clinical practical exercises		
1	Inflammatory diseases of the pelvic organs. Modern methods of diagnosis and treatment ¹ . Innovative methods for diagnosing the stages of the inflammatory process of the female genital organs. Acute, subacute, chronic inflammation. Inflammatory proteins, cytokines, biofilms, cytological methods ² . (part 1)	2
	Inflammatory diseases of the pelvic organs. Modern methods of diagnosis and treatment ¹ . Innovative methods for diagnosing the stages of the inflammatory process of the female genital organs. Acute, subacute, chronic inflammation. Inflammatory proteins, cytokines, biofilms, cytological methods ² . (part 2)	2
	Inflammatory diseases of the pelvic organs. Modern methods of diagnosis and treatment ¹ . Innovative methods for diagnosing the stages of the inflammatory process of the female genital organs. Acute, subacute, chronic inflammation. Inflammatory proteins, cytokines, biofilms, cytological methods ² . (part 3)	2
2	Uterine fibroids. Modern methods of diagnosis and treatment ¹ . Ultrasound examination with Doppler assessment of blood flow, hysteroscopy, laparoscopy, spectral computed tomography, magnetic resonance imaging, violation of blood coagulation properties ² . (part 1)	2
	Uterine fibroids. Modern methods of diagnosis and treatment ¹ . Ultrasound examination with Doppler assessment of blood flow, hysteroscopy, laparoscopy, spectral computed tomography, magnetic resonance imaging, violation of blood coagulation properties ² . (part 2)	2
	Uterine fibroids. Modern methods of diagnosis and treatment ¹ . Ultrasound examination with Doppler assessment of blood flow, hysteroscopy, laparoscopy, spectral computed tomography, magnetic resonance imaging, violation of blood coagulation properties ² . (part 3)	2
3	Neoplasms of the ovaries. Innovative methods of diagnosis and treatment ¹ . Algorithm of examination of women with ovarian tumors, differential diagnosis of benign and malignancy ² . (part 1)	2
	Neoplasms of the ovaries. Innovative methods of diagnosis and treatment ¹ . Algorithm of examination of women with ovarian tumors, differential diagnosis of benign and malignancy ² . (part 2)	2
	Neoplasms of the ovaries. Innovative methods of diagnosis and treatment ¹ . Algorithm of examination of women with ovarian tumors, differential diagnosis of benign and malignancy ² . (part 3)	2
4	Pathology of the cervix and vagina. Innovative methods of diagnosis and treatment ¹ . Modern classification of cervical and vaginal pathology, the concept of examination and treatment of patients with cervical and vaginal pathology ² . (part 1)	2

	Pathology of the cervix and vagina. Innovative methods of diagnosis and treatment ¹ . Modern classification of cervical and vaginal pathology, the concept of examination and treatment of patients with cervical and vaginal pathology ² . (part 2)	2
	Pathology of the cervix and vagina. Innovative methods of diagnosis and treatment ¹ . Modern classification of cervical and vaginal pathology, the concept of examination and treatment of patients with cervical and vaginal pathology ² . (part 3)	2
5	Endometriosis. Modern methods of diagnosis and treatment. ¹ Criteria of severity and spread, CT, MRI. ² (part 1)	2
	Endometriosis. Modern methods of diagnosis and treatment. ¹ Criteria of severity and spread, CT, MRI. ² (part 2)	2
	Endometriosis. Modern methods of diagnosis and treatment. ¹ Criteria of severity and spread, CT, MRI. ² (part3)	2
6	Prolapse of the genitals. Modern approaches to treatment. ¹ Modern classification of pelvic organ prolapse. Innovations in diagnostics and correction. ² (part 1)	2
	Prolapse of the genitals. Modern approaches to treatment. ¹ Modern classification of pelvic organ prolapse. Innovations in diagnostics and correction. ² (part 2)	2
	Prolapse of the genitals. Modern approaches to treatment. ¹ Modern classification of pelvic organ prolapse. Innovations in diagnostics and correction. ² (part 3)	2
7	A barren marriage. Modern methods of diagnosis and treatment. Programs of assisted reproductive technologies Problems of birth control. ¹ Innovations in the diagnosis of infertility, immunological forms of infertility. Modern algorithm of examination and treatment of infertile couple. Modern protocols of ART programs. ² (part 1)	2
	A barren marriage. Modern methods of diagnosis and treatment. Programs of assisted reproductive technologies Problems of birth control. ¹ Innovations in the diagnosis of infertility, immunological forms of infertility. Modern algorithm of examination and treatment of infertile couple. Modern protocols of ART programs. ² (part 2)	2
	A barren marriage. Modern methods of diagnosis and treatment. Programs of assisted reproductive technologies Problems of birth control. ¹ Innovations in the diagnosis of infertility, immunological forms of infertility. Modern algorithm of examination and treatment of infertile couple. Modern protocols of ART programs. ² (part 3)	2
II. Clinical practical exercises using gynecological phantoms		
1	Abdominal puncture technique through the posterior vaginal arch (part 1)	2
	Abdominal puncture technique through the posterior vaginal arch (part 2)	2
2	Technique of performing vacuum aspiration of the uterine cavity (part 1)	2
	Technique of performing vacuum aspiration of the uterine cavity (part 2)	2
3	Technique of introduction of intrauterine releasing system.	2
	The technique of introducing a subcutaneous implant for the purpose of contraception	2
III. Clinical practical training using simulation platforms		
1	Laparoscopy technique (part 1)	2
	Laparoscopy technique (part 2)	2

	Laparoscopy technique (part 3)	2
2	Hysteroscopy technique (part 1)	2
	Hysteroscopy technique (part 2)	2
	Hysteroscopy technique (part 3)	2
3	Colposcopy and cervical manipulation techniques (part 1)	2
	Colposcopy and cervical manipulation techniques (part 2)	2
	Colposcopy and cervical manipulation techniques (part 3)	2
4	Technique of surgical interventions in pre-gravidar preparation for gynecological pathology (metroplasty, myomectomy, scar on the uterus) (part 1)	2
	Technique of surgical interventions in pre-gravidar preparation for gynecological pathology (metroplasty, myomectomy, scar on the uterus) (part 2)	2
	Technique of surgical interventions in pre-gravidar preparation for gynecological pathology (metroplasty, myomectomy, scar on the uterus) (part 3)	2
5	Modern methods of correction of isthmic-cervical insufficiency (ICN) (part 1)	2
	Modern methods of correction of isthmic-cervical insufficiency (ICN) (part 2)	2
	Modern methods of correction of isthmic-cervical insufficiency (ICN) (part 3)	2
6	Modern protocols of assisted reproductive technologies (ART) (part 1)	2
	Modern ART protocols (part 2)	2
7	Intermediate certification (part 1)	2
	Intermediate certification (part 2)	2
	Total	92

* – one thematic block includes several seminar-type classes, the duration of one lesson is 45 minutes with a break between classes of at least 10 minutes

¹ – subject

² - essential content

Considered at the meeting of the department of Obstetrics and Gynecology "30"
May 2023, protocol No 18.

Head of the Department of
Obstetrics and gynecology,
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