Thematic lesson plan of lectures
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

№	Topics of lectures	Hours (academic)
1.	Modern innovative diagnostic methods in gynecology 1. The current state of the issue. Innovative diagnostic methods taking into account nosological forms [2].	2
2.	Innovative methods for diagnosing the stages of the inflammatory process of the female genital organs [1]. The current state of the issue. Differential diagnosis [2].	2
3.	Modern problems of diagnosis of endometritis.[1] Criteria of severity and spread, computed tomography, MRI[2].	2
4.	Innovative methods of diagnosing uterine fibroids [1]. Ultrasound examination with Doppler assessment of blood flow, hysteroscopy, laparoscopy, spectral computed tomography, magnetic resonance imaging, violation of blood coagulation properties [2].	2
5.	Innovative approaches to the diagnosis of volumetric processes of uterine appendages [1]. Differential diagnosis, pathology of tubes, ovaries [2].	2
6.	Modern methods of diagnosis of infertility in the family. Problems of birth control.[1] Innovations in the diagnosis of infertility, immunological forms of infertility. Modern algorithm of examination of infertile couple [2].	2
7.	Innovative approaches in the treatment of inflammatory diseases of the pelvic organs [1]. Modern principles of local and general therapy of various nosological forms of nonspecific and specific etiology [2].	2
8.	Innovative methods of treatment of diseases of the cervix and vagina [1]. Principles and methods of screening. In-depth diagnostics (cytological examination, colpo- and colpomicroscopy). Innovations in the 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
9.	Problems of endometriosis treatment [1]. Innovative 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
10.	Modern approaches in the treatment of uterine fibroids [1]. Innovative methods of diagnosis and treatment. Indications for surgical treatment. Conservative myomectomies. Uterine artery embolism. Organ-bearing operations. Postoperative rehabilitation of patients[2]	2
11.	Ovarian neoplasms[1]. Differential diagnosis. Modern aspects of treatment and prevention. Forecast. Innovative methods of treatment, prevention of ovarian cancer [2].	2
12.	Treatment of male and female infertility [1]. The concept of assisted	2

	reproductive technologies in infertile marriage. Innovative methods of ART. Indications and contraindications to ART. Complications of various ART methods. Modern IVF protocols [2.]	
13.	Prolapse of the genitals. Modern approaches to treatment [1]. Modern classification of pelvic organ prolapse. Innovations in diagnostics and correction [2].	2
14.	Problems of birth control. Demographic and medico-social aspects [1]. Modern methods of contraception. The benefits of hormonal contraception. Selection of the method of contraception (indications and contraindications for various methods). The concept of reversible contraception [2].	2
	Total	**28**

[1] -Subject
[2] - essential content

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Head of the Department of
Obstetrics and gynecology,
Doctor of Medical Sciences

N.A. Burova