

**Thematic plan of seminars
in the discipline 'Innovative methods of diagnosis and treatment in obstetrics'
for students of 2020 year of admission
on the educational programme
speciality 31.05.01 General medicine (specialist level),
full-time education form
for 2025-2026 academic year.**

№	Thematic blocks *	Practical training within the thematic block 3	Hours (acad.)
1	Innovative methods of physiological pregnancy management ¹ . Obstetric screening. Physiology of pregnancy. Management of pregnant women in a women's consultation, according to the order of the Ministry of Health of the Russian Federation No. 1130n. Laboratory and instrumental innovative methods of pregnancy management District offices of genetic screening, markers of fetal pathology ² .	PT, PW	6
2	Fetoplacental insufficiency, congenital malformations of the fetus. Diagnostic methods, innovations in diagnosis and correction ¹ . Innovative methods of diagnosis of fetoplacental insufficiency: markers of fetoplacental insufficiency, modern principles of management of pregnant women with fetoplacental insufficiency. Diagnostics of intrauterine fetal malformations, modern markers and innovative correction possibilities (intra- and postnatal) ² .	PT, PW	6
3	Conducting normal childbirth. Possibilities of modern methods of diagnosis and correction of ASDM. Innovations in operative obstetrics. ¹ Management of normal childbirth according to the clinical protocol and the order of the Ministry of Health of the Russian Federation No. 1130n. Markers of ASDM in modern conditions (CTG, LACTATE, STAN, ultrasound) and innovative methods of correction. Possibilities of modern methods of diagnosis and correction of ASDM. Innovative methods of operative delivery ² .	PT, PW	6
4	Clinical guidelines for the management of normal labour ¹ . Management of normal labour, concept of the biomechanism of fetal birth, definition of the opening period, expulsion period, manual assistance in cephalopelvic presentation, management of the postpartum and early postpartum periods. Primary toileting of the newborn. Perform an internal obstetric examination and assess the condition of the birth canal. Perform amniotomy. Undertake a normal labour. Identify signs of placenta separation. Identify the afterbirth when there are positive signs of placenta separation. Estimate blood loss in the. ²	PT, PW	6
5	Obstetric bleeding. Innovative methods of stopping bleeding. Purulent-septic infections. Possibilities of organ-preserving operations ¹ . Clinical protocol for stopping obstetric bleeding. Conservative and surgical innovative methods of stopping obstetric bleeding, including massive obstetric bleeding. Obstetric peritonitis, innovations in diagnosis and treatment, organ-preserving methods of treatment for purulent-septic infections in obstetrics ² .	PT, PW	6
6	Prematurity. Preterm labour. Preterm pregnancy. ¹ Diagnosis and management of preterm labour according to clinical guidelines. Methods of cervical preinduction and induction of labour in preterm pregnancy. Peculiarities of delivery, possible complications and their prevention. ²	PT, PW	6

7	Preeclampsia. Modern methods of diagnosis and treatment ¹ . Clinical protocol for the management of pregnant women with preeclampsia. Innovations in correction, indications for early termination of pregnancy ² .	PT, PW	6
8	Purulent-septic infections in obstetric practice. ¹ Stages of spread of postpartum infection; indications for intensive care and surgical treatment; assess clinical symptoms of postpartum infection. Solving situational tasks. Analysis of delivery histories complicated by purulent-septic diseases of mother and newborn baby. ²	PT, PW	6
9	Operative obstetrics (Caesarean section in modern obstetrics. Obstetrical forceps, vacuum extraction of the foetus). ¹ Indications for operations in obstetrics. Master the technique of obstetric forceps (phantom) and caesarean section in the lower segment of the uterus (phantom, uterus moulages). Emergency measures, indications, conditions, technique of caesarean section, course of the postoperative period. Application of vacuum-extractor. Indications, technique, possible complications. ²	PT, PW	6
10	Extragenital pathology and pregnancy. Cardiovascular diseases and pregnancy. Pregnancy and endocrine diseases. ¹ The influence of cardiovascular diseases (heart defects, hypertension) on the course of pregnancy, labour, fetus and newborn. Plan of delivery in cardiovascular diseases. Features of management of pregnancy, labour and postnatal period in women with heart defects. Pregnancy with diabetes mellitus and thyroid diseases. Pregnancy counselling, preparation of labour management plan. Complications of pregnancy and labour in diabetes mellitus (mother-fetus). ²	PT, PW	6
	TOTAL		60

¹ – topic

² - essential content

³ -PT (practical training), PW (working with the patient)

⁴ - one thematic block includes several lessons, the duration of one lesson is 45 minutes, with a break between lessons of at least 5 minutes

Considered at the department meeting of Obstetrics and Gynecology "20" may 2025, protocol No 10

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