

1. The purpose of the practice: "Assistant Doctor (Obstetrician-Gynecologist)" is to consolidate and deepen the student's theoretical training and acquire practical skills and competencies in the field of professional activities in obstetrics.

2. Objectives of practice

The objectives of the practice are:

- diagnosis of pregnancy and determination of its duration;
- determination of the type, position, presentation and expected weight of the fetus.
- diagnostics of the structure and size of the bony pelvis,
- knowledge of the structure, size of the head and body of the fetus.
- study of modern methods of diagnosing pregnant women and women in labor.
- diagnosis and management of physiological pregnancy and childbirth, knowledge of the biomechanism of childbirth in occipital presentation;
- diagnosis and management of pathological pregnancy and childbirth, knowledge of the biomechanism of childbirth: with extension, pelvic proposals, anatomically narrow pelvis.
- diagnosis of clinically narrow pelvis.
- diagnosis and tactics for abnormal fetal position.
- diagnosis and management of premature birth.
- diagnosis and treatment of labor anomalies.
- causes, diagnosis of placenta previa and premature abruption of a normally located placenta. Features of childbirth.
- indications and techniques for performing operations: caesarean section, vacuum extraction of the fetus, application of obstetric forceps, manual separation and release of placenta.
- diagnosis of diseases, pregnancy complications and pathological conditions of patients;
- diagnosis of emergency conditions in obstetrics and rationale for tactics in accordance with clinical recommendations and the procedure for providing medical care in each specific case;

3. Place of practice in the structure of the EP: practice is a mandatory part of the EP.

4. Types of practice: production.

5. The practice is aimed at developing the following competencies in accordance with the Federal State Educational Standard for Higher Education in this specialty:

b) professional (PK-6, PK-12).

6. Structure and content of practice

The total labor intensity of the practice is 22 credit units, 72 hours

Explanation:

No.	Stages of practice	Hard worker bone (hour)	Content practices: skills, labor actions, necessary skills, necessary knowledge of competencies	Forms current control
1	Preparatory stage (briefing, introductory (introductory) lecture)	2 hours	Familiarization With organization obstetric work hospital; simulation center; safety briefing	interview
2	Production this stage	24 hours	PC-6: Labor actions: Development of a management plan and	survey, working off skills under

		<p>Federal State Budgetary Educational Institution of Higher Education "Growth of State Medical University Ministry of Health Russia". mulation th center</p> <p>RNIAP</p>		<p>determining the method of delivery of a pathological pregnancy, taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care help</p> <p>pregnant women, women in labor mothers in labor, clinical recommendations (protocols treatment) on the provision of obstetric and gynecological assistance, taking into account the standards of medical care.,</p> <p>Required skills Compose plan conducting pathological pregnancy and childbirth, taking into account the diagnosis, age of the patient, clinical picture in accordance with the current procedures for the provision of medical care, clinical recommendations (protocols treatment) on the provision of medical care, taking into account the standards of medical care. Required knowledge. It is necessary to know the biomechanisms of childbirth and manual aids during anatomical narrow pelvis, extensor And pelvic proposals, modern diagnostic methods, tactics at pathological pregnancy, readings To operational delivery, methodology performing a cesarean section sections, vacuum extraction of the fetus, application of obstetric forceps, manual examination of the uterine cavity, manual separation and release of the placenta in accordance with the current procedures for the provision of medical help, clinical recommendations (protocols treatment) on the provision of medical care, taking into account the standards of medical care.</p>	<p>management teacher examination skills, actions, skills</p> <p>And</p>
		<p>Simulations only center</p>	<p>24 hours</p>	<p>PC-12: Labor actions Development of a management plan and</p>	<p>survey, working off skills under</p>

		<p>Federal State Budgetary Educational Institution of Higher Education "Growth of State Medical University Ministry of Health Russia". mulation th center RNIAP</p>		<p>determining the method of delivery of a physiological pregnancy, taking into account the diagnosis, age and clinical picture in accordance with the current procedures for the provision of medical care help pregnant women, women in labor mothers in labor, clinical recommendations (protocols treatment) on the provision of obstetric and gynecological assistance, taking into account the standards of medical care.</p> <p>Required skills Compose plan conducting physiological pregnancy and childbirth, taking into account the diagnosis, age of the patient, clinical picture in accordance with valid orders providing medical help, clinical recommendations (protocols treatment) on the provision of medical care, taking into account the standards of medical care. Required knowledge. It is necessary to know the structure and dimensions of the bony pelvis, the structural features of the fetal head, the size of the head and body of the fetus, how to determine the gestational age and the expected weight of the fetus, external obstetric examination according to Leopold, the biomechanisms of childbirth with an occipital presentation of the fetus, modern methods of examining pregnant women and postpartum women, features of the placenta and postpartum periods in accordance With valid orders providing medical help, clinical recommendations (protocols treatment) on the provision of medical care, taking into account the standards of medical care.</p>	<p>management teacher, examination skills, actions, skills. And</p>
3	Self-employed good job		10 hours	<p>Studying literature, preparing for current control, preparing a practice diary.</p>	<p>examination skills, actions, skills</p>

	Rubezhny control		6 hours	testing, survey, diary interview practice, demonstration of skills.
4	Test		6 hours	Based on the results of current and milestone control
	TOTAL (hour)		72 hours	

7. Interim certification form: **test**.

8. Documentation of current control: **student practice diary, characteristics**

9. The fund of assessment tools for determining the level of development of competencies as a result of internship is an appendix to the internship work program. 10. Educational, methodological and information support for practice

a) literature

Main literature:

1. "Guide to practical classes in obstetrics", ed. prof. V.E. Radzinsky, M., 2008.

2. Serov V.N. Obstetrics: a textbook for students. honey. universities / V.N. Serov, A.S. Gasparov, V.I. Kulakov. – M.: MIA, 2009.

3. Ailamazyan E.K. Obstetrics: a textbook for honey. universities / E.K. Aylamazyan. – St. Petersburg: SpetsLit, 2010, 2013. - 543 p.

additional literature

1. Methodological manual "HIV infection and pregnancy" / ed. Orlova V.I – Rostov n/d, 2007

2. Methodological manual "Pregnancy and childbirth with viral hepatitis" / ed. Rymashevsky A.N. - Rostov n/d, 2010.

3. Methodological manual. Algorithms for emergency care in obstetrics. / ed. Rymashevsky A.N. – Rostov n/d, 2011

4. Tests on physiological obstetrics: educational method. aid for students 4th year LPF / comp.: A.N. Rymashevsky, A.E. Volkov, V.V. Markina. – Rostov n/a: RostSMU, 2012.

5. Order of the Ministry of Health of the Russian Federation dated November 1, 2012 No. 572n "Procedure for the provision of medical care in the field of obstetrics and gynecology (except for the use of assisted reproductive technologies)."

6. Rymashevsky A.N. Pregnancy and childbirth with uterine fibroids / A.N. Rymashevsky, A.E. Samsonov, A.E. Volkov. - Beau Bassin: LAP LAMBERT Academic Publishing RU, 2020. - 118c.

b) Internet resources:

	ELECTRONIC EDUCATIONAL RESOURCES	Access to the resource
	Electronic library RostSMU. – URL: http://109.195.230.156:9080/opacq/	Access is not limited
	Student Advisor [Kits: "Medicine. Healthcare. IN"; "Medicine. Healthcare. SPO"; "Psychological Sciences"]: Electronic library system. – Moscow: Politekhresurs LLC. - URL: https://www.studentlibrary.ru + opportunities for inclusive education	Access is not limited
	Doctor's consultant. Electronic medical library: Electronic library system. – Moscow: LLC "Higher School of Organization and Management of Healthcare_Comprehensive Medical Consulting". - URL: http://www.rosmedlib.ru + opportunities for inclusive education	Access is not limited

	Scientific electronic library eLIBRARY. - URL: http://elibrary.ru	Open access
	National Electronic Library. - URL: http://neb.rf/	Access from computers libraries
	Scopus/Elsevier Inc., Reed Elsevier. – Philadelphia: Elsevier BV, PA. – URL: http://www.scopus.com/ via IP addresses of RostSMU and remotely after registration(<i>National project</i>)	Access limited
	Web of Science / Clarivate Analytics. - URL: http://www.webofscience.com/ via IP addresses of RostSMU and remotely after registration(<i>National project</i>)	Access limited
	Freedom Collection [magazines] /ScienceDirect. Elsevier. – URL: www.sciencedirect.com via IP addresses of RostSMU and remotely after registration(<i>National project</i>)	Access limited
	Springer Nature database. - URL: https://link.springer.com/ via IP addresses of RostSMU and remotely after registration, remotely via RFBR CIAS https://kias.rfbr.ru/reg/index.php	Access is not limited
	Wiley Online Library /John Wiley & Sons. - URL: http://onlinelibrary.wiley.com via IP addresses of RostSMU and remotely after registration(<i>National project</i>)	Access limited
	Questel database Orbit Premium edition: database patent search http://www.orbit.com/ by IP addresses of RostSMU (<i>National project</i>)	Access limited
	Russian education. Single window of access /Federal portal.- URL: http://www.edu.ru/ . – New educational environment.	Open access
	Electronic Library of the Russian Foundation for Basic Research (RFBR). -URL: http://www.rfbr.ru/rffi/ru/library	Open access
	Federal Electronic Medical Library of the Russian Ministry of Health . - URL: http://femb.rucml.ru/femb/	Open access
	Archive scientific magazines / NEICON. - URL: https://arch.neicon.ru/xmlui/ (Yandex search engine)	Open access
	CyberLeninka: scientific electron. beep. -URL: http://cyberleninka.ru/	Open access
	BEARWEST. Russian doctor portal: library, knowledge base. - URL: https://medvestnik.ru	Open access
	Medical Bulletin of the South of Russia. - URL: http://www.medicalherald.ru/jour or from the RostSMU website (Yandex search engine)	Open access
	Journal of Urology ("Urology Herald"): magazine of RostSMU. – URL: http://www.urovest.ru/jour or from the RostSMU website (Yandex search engine)	Open access
	National Library of Medicine (PubMed). - URL: http://pubmed.ncbi.nlm.nih.gov/	Open access
	Free Medical Journals. - URL: http://freemedicaljournals.com	Open access
	Free Medical Books. - URL: http://www.freebooks4doctors.com	Open access
	International Scientific Publications. -URL: http://www.scientific-publications.net/ru/	Open access
	Univadis.ru: international honey. portal. - URL: http://www.univadis.ru/	Open access

	ECO-Vector Journals Portal /Open Journal Systems. - URL: http://journals.eco-vector.com/	Open access
	Evrika.ru information and educational portal for doctors. – URL: http://www.evrika.ru/	Open access
	Med-Edu.ru : medical video portal. - URL: http://www.med-edu.ru/	Open access
	DoctorSPB.ru : information-reference portal about medicine. - URL: http://doctorspb.ru/	Open access
	Rubricator of clinical recommendations Ministry of Health of Russia. - URL: http://cr.rosminzdrav.ru/	Open access
	Education on Russian : portal / State. Institute of Russian language them. A.S. Pushkin. - URL: http://pushkininstitute.ru/	Open access
	History.RF . [The main historical portal of the country] - URL: https://histrf.ru/	Open access
	ENVOC.RU English vocabulary : educational site for English learners. language - URL: http://envoc.ru	Open access
	World Health Organization . - URL: http://who.int/ru/	Open access
	Ministry of Science and Higher Education Russian Federation. - URL: http://minobrnauki.gov.ru/	Open access
	Modern problems of science and education : electron. magazine. - URL: http://www.science-education.ru/ru/issue/index	Open access
	Other Open resources can be found at: http://rostgmu.ru → Library → Electronic catalogue → Open Internet resources → further by keyword...	

12. Logistics support for practice

2. Obstetrics And gynecology	<p>Federal State Budgetary Educational Institution of Higher Education "Growth of the State Medical University of the Ministry of Health of Russia"</p> <p>NIAP(st. Mechnikova, 43 ground floor maternity hospital: 3 training rooms, 1 table each teachers, 5 each study tables, 15 chairs each;</p> <p>lecture hall Classroom tables (2), chairs, podium, board. (for 128 seats);</p> <p>methodological office</p>	<p>Visual aids, tables, bone basins, dolls, a set of tools for training in obstetric and gynecological manipulations, dummies, a set of histological preparations, X-rays, a museum.</p> <p>Computers, multimedia projector, overhead with a set of films, CDs, educational films, a set of equipment for Internet connections, sets of posters and visual aids</p>
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		<p>Pathomorphological building, 1st floor: 1 training room: 6 study tables, 20 chairs.</p> <p>Simulation-certification center NIIAP department simulation training FSBEI HE <small>Rost State Medical University of the Ministry of Health of the Russian Federation</small></p>	<p>Board, pointer, tables, CDs, educational films, a set of tools for training in gynecological operations, a set of models.</p> <ol style="list-style-type: none"> 1. Cervical examination simulator. 2. Anatomical model "Female pelvis and pelvic floor". 3. Multifunctional mobile childbirth simulator mannequin Noelle S550 (mother and newborn). 4. NewBorn newborn training mannequin. 5. Newborn training mannequin S554. 6. Anatomical model of the birth process. 7. Childbirth simulator SIMone. 8. Obstetric forceps. 9. Vacuum - kiwi extractors (omniCup, proCup). 10. PremieHal premature newborn training mannequin. 11. Robot simulator of a premature baby newborn Paul.
5.	Obstetrics And gynecology	<p><small>Federal State Budgetary Educational Institution of Higher Education "Growth of the State Medical University of the Ministry of Health of Russia"</small> (translated by Suvorov 119/80) (Liter A) Simulation Center. Phantom class</p>	<p>Phantom class, equipped with phantoms to demonstrate the biomechanism of labor, childbirth, cervical examination, and a set of obstetric instruments.</p> <p>Female pelvis (3 parts), female pelvis and pelvic floor (5 parts), Female pelvis skeleton with genital organs (3 parts), female pelvis with ligaments, organ muscles with a mid-sagittal section passing through the pelvic floor (4 parts), male pelvis (2 parts), embryo development (12 stages), pregnancy model (2 parts), pelvis model during pregnancy (2 parts), placenta, stages of fertilization and embryo development, childbirth (5 stages), model of various stages of labor, simulator childbirth with five models of the cervix (7 parts), a pelvic skeleton for demonstrating childbirth, a baby birth simulator, a simulator of suturing after cutting the perineum (3 parts), a breast examination simulator (3 pieces), a gynecological simulator, obstetric forceps, instruments for fruit-destroying operations.</p>
6.	Obstetrics And gynecology	<p>Anatomical Museum at the department: 4 cabinets</p>	<p>Collection of anatomical wet preparations for obstetrics and gynecology (148 pieces).</p>

