



INTERNATIONAL SCHOOL OF MEDICINE

SYLLABUS

Program:	General medicine
Qualification of the graduate:	General practitioner / Medical doctor
Year:	2021-2022
Semester:	7
Course duration:	20 weeks
Instructor/Assistant/Professor	Name: Kudayarova A.S., Seitova R.D., Totuyaeva G.A., Uzakbaeva M.U., Asizova A.K., Rysbek kyzy U.
Department:	Pediatrics, obstetrics and gynecology
Day and Time for consultation:	Friday, 14:00.
Classroom:	421, 422.
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Course Title:	Obstetrics and gynecology
Must/Elective:	Must
Credit/Hours:	6 Credits
Course Description:	Obstetrics and gynecology refers to the main clinical disciplines of medical education. The main goal of the obstetrics program is to form students' clinical thinking, the ability to interpret the data of anamnesis, clinic, additional research methods for correct diagnosis and therapy.
Course Objectives:	To form students' general understanding and knowledge about the morphology, physiology and pathology of the reproductive system, the basics of physical examination of patients with diseases of the reproductive system, as well as the study of the physiology of childbirth, examination of pregnant women, women in labor.
Prerequisites:	topographic anatomy, normal physiology, pathological anatomy, pathological physiology, histology, pharmacology, microbiology
Post-requisites:	obstetrics and gynecology, emergency conditions in obstetrics and gynecology, operative obstetrics and gynecology.
Learning Outcomes: (expected knowledge & ability at the end)	A graduate of the direction "Obstetrics and gynecology – pathological obstetrics and gynecology", in accordance with the goals of the main educational program and the tasks of professional activity. After studying this course, the student will be able to analyze and interpret a set of clinical data, laboratory

	<p>indicators and instrumental diagnostic methods for diagnosing diseases, pathological signs, symptoms and determining therapy tactics in pathological obstetrics and gynecology.</p> <p>The student will be able to exercise the professional competencies provided for by the basic educational program.</p>
<p>Basic references:</p>	<ol style="list-style-type: none"> 1. Haker N.F. et al. Essentials of Obstetrics and Gynecology. 5 th ed. 2010. 2. Louise C Kenny. Obstetrics by ten teachers. 20 th ed. 2017. 3. Asmita Muthal Rathore, Poonam Sachdeva, Swarai Batra. Obstetrics Protocols for Labor Ward Management. 2th Ed., 2017. 4. K. Farington. Labour ward management. Royal College of Physicians. 5 th ed. 2019. 5. Obstetric Guidelines and Labour Ward Protocols. UNFPA. 4th ed. 2016. 6. Gynaecology by Ten Teachers. H. Bickerstaff, Louise C Kenny. 20th ed. 2017. 7. Textbook of gynaecology D.C.Dutta 6 th ed. 2013. 8. Textbook of gynaecology Shaw. 17th edition. 2020.
<p>Supplementary Textbook and Materials:</p>	<ol style="list-style-type: none"> 1. Nelson. Textbook of Pediatrics. 21th ed. 2019. 2. Bates' Guide to Physical Examination and History Taking. 13th ed.2019 3. Pervez Akber Khan «Basis of Pediatrics» 9th ed. 2019. 4. Ghai Essentials of Pediatrics. 9th ed. O.P. Ghai. 2019. <p>Links</p> <ul style="list-style-type: none"> - Cochrane.org, sciencedirect.com. - www.kyrlibnet.kg. - www.iprbookshop.ru. - www.consilium-medicum.com.

	<ul style="list-style-type: none"> - www.medportal.ru. - www.studmedlib.ru - www.mediliter.ru, www.meduniver.com, - kingmed.info, vk.com, itweek.ru, medlit.biz allmedbook.ru, booksmed.com, medicalenglish.ru, library.bsu.edu.ru, rutracker.org.
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COURSE POLICY AND EVALUATION CRITERIA:

Type of control (current, milestone, final)	Control form	Assessment of learning outcomes
Attendance	For one missed lesson minus 2 points	20 points
Current control	Oral survey, written work	20 points
IWS+IWW	Performing assignments, work with literature	20 points
Milestone control (modul submission)	Testing, control tasks	40 points
Final control (differential test)	Conversation, examination (test.edu.kg)	100 points

Scale of correspondence between grades and scores on the final control (exam)	
Score	Grade
90-100	«excellent»
76-89	«good»
60-75	«satisfactory»
0-59	«unsatisfactory»

Course Plan	Lecture	Obstetrics
1 week	Lecture	1. Gestational toxicosis. The interruption of pregnancy. Miscarriage/misbirth.
1 week	Lecture	2. Abortion. MVA. Drug abortion. Premature birth.
2 week	Lecture	3. Postmature pregnancy. Ectopic pregnancy. Progressive tubal pregnancy. Fallopian tube abortion, cervix uteri pregnancy.
2 week	Lecture	4. Variants of the constitution of the pelvis. Narrow pelvis and its varieties. The management of labour

3 week	Lecture	5. Breech presentation of the fetus. Management of childbirth. Abnormal position of the fetus. Transverse, oblique position of the fetus. The management of labour.
3 week	Lecture	6. Caesarean section. Anomalies of the fetal cephalic [cranial] presentation.
4 week	Lecture	7. Extension of fetal head. The management of labour. The anomalies of labor activity. Weakness and discoordination of labor activity. Obstructive labor. The main complications of childbirth.
5 week	Lecture	8. Pathology of placental localization. Placental presentation. Premature separation of placenta.
6 week	Lecture	9. Postpartum bleeding. Hypotonic and atonic bleeding. Hemorrhagic shock. Placenta increta.
7 week	Lecture	10. Obstetric traumatism of the mother. Ruptures of the vulva, vagina, perineum. Rupture of the cervix and uterus. Eversion of the uterus. Injuries of the symphysis

Course Plan	Practice	Obstetrics
1 week	Practice	1. Gestational toxicosis.
1 week	Practice	2. The interruption of pregnancy. Miscarriage/misbirth.
2 week	Practice	3. Abortion. MVA. Drug abortion.
2 week	Practice	4. Premature birth.
3 week	Practice	5. Postmature pregnancy.
3 week	Practice	6. Ectopic pregnancy. Progressive tubal pregnancy. Fallopian tube abortion, cervix uteri pregnancy.
4 week	Practice	7. Variants of the constitution of the pelvis.
4 week	Practice	8. Narrow pelvis and its varieties. The management of labour
5 week	Practice	9. Breech presentation of the fetus. Management of childbirth.
5 week	Practice	10. Abnormal position of the fetus. Transverse, oblique position of the fetus. The management of labour.
6 week	Practice	11. Caesarean section.
7 week	Practice	12. Anomalies of the fetal cephalic [cranial] presentation.

7 week	Practice	13. Extension of fetal head. The management of labour.
8 week	Practice	14. The anomalies of labor activity. Weakness and discoordination of labor activity. Obstructive labor. The main complications of childbirth.
8 week	Practice	15. Pathology of placental localization. Placental presentation.
9 week	Practice	16. Premature separation of placenta.
9 week	Practice	17. Postpartum bleeding. Hypotonic and atonic bleeding.
9 week	Practice	18. Hemorrhagic shock. Placenta increta.
10 week	Practice	19. Obstetric traumatism of the mother. Ruptures of the vulva, vagina, perineum.
10 week	Practice	20. Rupture of the cervix and uterus. Eversion of the uterus. Injuries of the symphysis

Course Plan	Lecture	Gynecology
1 week	Lecture	1. Sexually transmitted infectious diseases of the female genital organs. (STDs, bacterial, viral).
1 week	Lecture	2. Neuroendocrine syndromes (hypothalamic, metabolic). Hyperprolactinemia. Premenstrual syndrome. Posthysterectomy syndrome. Post-ovariectomy syndrome (post-castration).
2 week	Lecture	3. Menstrual disorders: Amenorrhea. Central, ovarian, adrenal, uterine. Abnormal uterine bleeding. Algodismenorrhea. Hyperandrogenism. Polycystic ovaries.
2 week	Lecture	4. Uterine fibroids. Myoma.
3 week	Lecture	5. Heterotopic endometrium. Endometriosis: Genital and extragenital.
3 week	Lecture	6. Cysts of the genital organs.
4 week	Lecture	7. Disorders of sexual development during childhood and puberty. Anomalies of the position of the female genital organs.
4 week	Lecture	8. Injuries of the genitals.
5 week	Lecture	9. Juvenile uterine bleeding.

6 week	Lecture	10. Issues of hygiene and sex education. Adolescent contraception. Pregnancy and childbirth in adolescents.
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Course Plan	Practice	Gynecology
1 week	Practice	1. Sexually transmitted infectious diseases of the female genital organs. Bacterial infectious.
1 week	Practice	2. Viral and fungal infectious diseases of the female genital organs.
2 week	Practice	3. Neuroendocrine syndromes (hypothalamic, metabolic). Hyperprolactinemia.
2 week	Practice	4. Premenstrual syndrome. Posthysterectomy syndrome. Post-ovariectomy syndrome (post-castration).
3 week	Practice	5. Menstrual disorders: Amenorrhea. Central, ovarian, adrenal, uterine.
3 week	Practice	6. Abnormal uterine bleeding.
4 week	Practice	7. Algodismenorrhea. Hyperandrogenism. Polycystic ovaries.
4 week	Practice	8. Uterine fibroids. Myoma. Clinical picture, diagnosis, treatment.
5 week	Practice	9. Heterotopic endometrium. Genital endometriosis. Etiopathogenesis. Classification. Clinical picture, diagnosis, treatment of genital endometriosis
5 week	Practice	10. Extragenital endometriosis. The surgical and conservative treatment of endometriosis. Rehabilitation of patients.
6 week	Practice	11. Cysts of the genital organs. Follicular ovarian cysts. Corpus luteum cysts. Lutein cysts. Cysts of rudimentary organs.
6 week	Practice	12. Cysts of fallopian tubes, uterus, vagina, greater vestibular glands of the vagina.
7 week	Practice	13. Disorders of sexual development during childhood and puberty.
7 week	Practice	14. Anomalies of the position of the female genital organs.
8 week	Practice	15. Injuries of the genitals.
8 week	Practice	16. Emergency, palliative care and plastic surgery in Gynecology. Surgical treatment of injuries of genitals and

		urinary system, reconstructive plastic surgery for pelvic floor dysfunction.
9 week	Practice	17. Juvenile uterine bleeding. Classification. Clinical picture, diagnosis,
9 week	Practice	18. Treatment of juvenile uterine bleeding.
10 week	Practice	19. Issues of hygiene and sex education. Adolescent contraception.
10 week	Practice	20. Pregnancy and childbirth in adolescents. Termination of a pregnancy in the early stages of the young pregnant women (medical abortion, MBA), indications, of contraindications, technique. Complications during pregnancy in young primiparous women.