



INTERNATIONAL SCHOOL OF MEDICINE

SYLLABUS

Program:	General medicine
Qualification of the graduate:	General practitioner / Medical doctor
Year:	2023-2024
Semester:	10
Course duration:	10 weeks
Instructor/Assistant/Professor	Name: Zhylykchieva Ch. S., Kudayarova A.C., Totuyaeva G.A., Maksutova E.M., Bekibaeva B.S., Taalaibekova N.T., Topchubaeva T.M., Uzakbaeva M.U.
Department:	Pediatrics, obstetrics and gynecology
Day and Time for consultation:	Friday, 14:00.
Classroom:	421, 422.
e-mail:	kudayarova71@mail.ru, gtotuyaeva@mail.ru, manisa000.2@gmail.com,
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.

	<p>After studying this course, the student will be able to analyze and interpret a set of clinical data, laboratory indicators and instrumental diagnostic methods for diagnosing diseases, pathological sings, 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>
Basic references:	<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.
Supplementary Textbook and Materials:	<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.

	<ul style="list-style-type: none"> - www.consilium-medicum.com. - 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	Antenatal care. Hypertensive disorders during pregnancy. Preeclampsia. Eclampsia.
1 week	Lecture 2	Pregnancy and extragenital diseases. Fetoplacental insufficiency. Polyhydramnios. Oligohydramnios.
2 week	Lecture 3	Intrauterine fetal development delay. Fetal malformations. Rh incompatibility during pregnancy. Rh conflict.
2 week	Lecture 4	Operative obstetrics. Vacuum extraction of the fetus. Obstetric forceps. Destructive obstetrical operations.

3 week	Lecture 5	Pathology of the postpartum period. Postpartum bleeding. Hypotonic and atonic bleeding. Hemorrhagic shock.
3 week	Lecture 6	Obstetric traumatism of the mother. Rupture of the vulva, vagina, perineum. Rupture of the cervix and uterus. Eversion of the uterus. Injuries of the symphysis.
4 week	Lecture 7	Septic complications in the postpartum period. Endometritis, purulent-septic complications of postoperative wounds, peritonitis. Sepsis. Septic shock.
5 week	Lecture 8	DIC syndrome. Pulmonary embolism (TELA)

Course Plan	Practice	Obstetrics
1 week	Practice 1	Antenatal care. Management of physiological pregnancy.
1 week	Practice 2	Hypertensive disorders during pregnancy. Preeclampsia. Eclampsia. The algorithm of emergency care for pregnant women.
2 week	Practice 3	Pregnancy and extragenital diseases.
2 week	Practice 4	Fetoplacental insufficiency. Polyhydramnios. Oligohydramnios.
3 week	Practice 5	Intrauterine fetal development delay. Fetal malformations.
3 week	Practice 6	Rh incompatibility during pregnancy. Rh conflict. (Module 1)
4 week	Practice 7	Operative obstetrics. Vacuum extraction of the fetus. Obstetric forceps. Destructive obstetric operations
4 week	Practice 8	Pathology of the postpartum period. Postpartum hemorrhage.
5 week	Practice 9	Hypotonic and atonic bleeding. Placenta accreta.
5 week	Practice 10	Hemorrhagic shock.
6 week	Practice 11	Obstetric traumatism of the mother. Rupture of the vulva, vagina, perineum. Rupture of the cervix and uterus. Eversion of the uterus. Injuries of the symphysis. (Module 2)
7 week	Practice 12	Septic complications in the postpartum period. Endometritis, purulent-septic complications of postoperative wounds, peritonitis.
7 week	Practice 13	Sepsis.
8 week	Practice 14	Septic shock.
9 week	Practice 15	DIC syndrome
10 week	Practice 16	Pulmonary embolism (TELA)

Course Plan	Lecture	Gynecology
1 week	Lecture 1	Hormone-dependent disorders of the reproductive organs. Endometrial hyperplasia. Endometrial polyp.
2 week	Lecture 2	Uterine fibroids. Endometriosis. Clinic, diagnosis and treatment.
3 week	Lecture 3	Infertility. Primary, secondary. Endocrine and tubal-peritoneal infertility. Assisted reproductive technologies (IUI, PE, IVF, TEKA, ICSI). Artificial insemination.
4 week	Lecture 4	Family planning, contraception. Hormonal contraception.
5 week	Lecture 5	Climacteric period. Perimenopause, Menopause. Osteoporosis in the menopausal period.

6 week	Lecture 6	Sexually transmitted diseases of the female genital organs. Acute abdomen.
7 week	Lecture 7	Cervix disorders and disorders of the vulva. Cervical cancer. Uterine cancer.
8 week	Lecture 8	Benign ovarian formations. Tumors of the ovaries. Ovarian cancer. Benign breast pathology.

Course Plan	Practice	Gynecology
1 week	Practice 1	Hormone-dependent disorders of the reproductive organs. Endometrial hyperplasia. Endometrial polyp.
1 week	Practice 2	Uterine fibroids.
2 week	Practice 3	Endometriosis. Clinic, diagnosis and treatment.
2 week	Practice 4	Infertility. Primary, secondary. Endocrine and tubal-peritoneal infertility
3 week	Practice 5	Assisted reproductive technologies (IUI, PE, IVF, TEKA, ICSI). Artificial insemination.
3 week	Practice 6	Family planning, contraception. Hormonal contraception.
4 week	Practice 7	Climacteric period. Perimenopause, Menopause.
4 week	Practice 8	Osteoporosis in the menopausal period.
5 week	Practice 9	Sexually transmitted diseases of the female genital organs.
5 week	Practice 10	Acute abdomen.
5 week	Practice 11	Cervix disorders and disorders of the vulva.
5 week	Practice 12	Cervical cancer.
5 week	Practice 13	Uterine cancer.
5 week	Practice 14	Benign ovarian formations. Tumor processes of the ovaries
5 week	Practice 15	Ovarian cancer.
5 week	Practice 16	Benign breast pathology.