INTERNATIONAL SCHOOL OF MEDICINE

SYLLABUS

Program:	**General medicine**
Qualification of the graduate:	**General practitioner / Medical doctor**
Year:	**2022-2023**
Semester:	**10**
Course duration:	**16 weeks**
Instructor/Assistant/Professor	**Name: Totuyaeva G.A., Maksutova E.M., Akmentieva T.A., Brovko K.M., 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.** **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. **The student will be able to exercise the professional competencies provided for by the basic educational program.**
Basic references:	**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:	**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.** **Links** **- Cochrane.org, sciencedirecktt.com.** **- www.kyrlibnet.kg.** **- www.iprbookshop.ru.** **- 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.**

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 surveey, written work	20 points
IWS+IWW	Perfoming 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. Management of physiological pregnancy.
2 week	Lecture	2. Hypertensive disorders during pregnancy. Preeclampsia. Eclampsia. The algorithm of emergency care for pregnant women.
3 week	Lecture	*3.* Pregnancy and extragenital diseases. Management of pregnancy and childbirth.

4 week	Lecture	*4.* Fetoplacental insufficiency. Polyhydramnios. Olygohydramnios.
5 week	Lecture	*5.* Intrauterine fetal development delay. Congenital malformations of the fetus
6 week	Lecture	*6.* Rh incompatibility during pregnancy. Rh conflict.
7 week	Lecture	*7.* Operative obstetrics. Vacuum extraction of the fetus. Obstetric forceps. Destructive obstetric operations
8 week	Lecture	*8.* Pathology of the postpartum period. Postpartum bleeding.
9 week	Lecture	9. Hypotonic and atonic bleeding. Hemorrhagic shock.
10 week	Lecture	10. 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.
11 week	Lecture	11. Septic complications in the postpartum period. Endometritis, purulent-septic complications of postoperative wounds, peritonitis.
12 week	Lecture	12. Sepsis.
13 week	Lecture	13. DIC syndrome
14 week	Lecture	14. Pathology of the newborn period. Jaundice of newborns. Pathological conditions of newborns: omphalitis, phimosis (polyclinic observation)

Course Plan	**Practice**	**Obstetrics**
1 week	Practice	1. Antenatal care. Management of physiological pregnancy.
2 week	Practice	2. Hypertensive disorders during pregnancy. Preeclampsia. Eclampsia. The algorithm of emergency care for pregnant women.
3 week	Practice	3. Pregnancy and extragenital diseases. Management of pregnancy and childbirth.
4 week	Practice	4. Fetoplacental insufficiency. Polyhydramnios. Olygohydramnios.
5 week	Practice	5. Intrauterine fetal development delay. Congenital malformations of the fetus
6 week	Practice	6. Rh incompatibility during pregnancy. Rh conflict.

7 week	Practice	7. Operative obstetrics. Vacuum extraction of the fetus. Obstetric forceps. Destructive obstetric operations
8 week	Practice	8. Pathology of the postpartum period. Postpartum hemorrhage.
9 week	Practice	9. Hypotonic and atonic bleeding. Hemorrhagic shock. Placenta accreta.
10 week	Practice	10. 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.
11 week	Practice	11. Septic complications in the postpartum period. Endometritis, purulent-septic complications of postoperative wounds, peritonitis.
12 week	Practice	12. Sepsis.
13 week	Practice	13. DIC syndrome
14 week	Practice	14. Pathology of the newborn period. Jaundice of newborns. Pathological conditions of newborns: omphalitis, phimosis (polyclinic observation)

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
4 week	Lecture	4. Assisted reproductive technologies (IUI, PE, IVF, TEKA, ICSI). Artificial insemination.
5 week	Lecture	5. Family planning, contraception. Hormonal contraception.
6 week	Lecture	6. Climacteric period. Perimenopause, Menopause. Osteoporosis in the menopausal period.
7 week	Lecture	7. Inflammatory diseases of the female genital organs. Bacterial, viral, fungal lesions.
8 week	Lecture	8. Cervix disorders and disorders of the vulva. Cervical cancer.

9 week	Lecture	9. Benign ovarian formations. Tumors of the ovaries. Ovarian cancer.
10 week	Lecture	10. Uterine cancer. Trophoblastic disease.

Course Plan	**Practice**	**Gynecology**
1 week	Practice	1. Hormone-dependent disorders of the reproductive organs. Endometrial hyperplasia. Endometrial polyp.
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10 week	Practice	10. Uterine cancer. Trophoblastic disease.