AZERBAIJAN MEDICAL UNIVERSITY
MOTHER'S DAY AND GYNECOLOGY
on the subject
EMPLOYEE TRAINING PROGRAM
(SYLLABUS)

I CONFIRM
"Obstetrics and gynecology"
head of the department
Aliyeva E.M.
Signature____________________
2020

SUBJECT CODE: -I MPF - 070101
TYPE OF SUBJECT: - compulsory
SUBJECT Studying term: - 7-12
SUBJECT CREDIT: -
FORM OF STUDYING THE SUBJECT: - Full time education
STUDYING LANGUAGE: -Azerbaijani, Russian, English

TEACHERS:

Head of department- doctor of medical sciences, professor Aliyeva E.M.
1. Kamilova Nigar Mir-Naghi –d.m.s., professor
2. Mahalov Islam Sharif –d.m.s., professor
3. Sultanova Saadet Hasan –d.m.s., professor
4. Abbasova Farida Yusif - PhD, ass.professor
5. Safaraliyeva Afag Rustam - PhD, ass.professor
6. Sultanova Irada Aladdin - PhD, ass.professor
7. Asadova Shafag Sharif - PhD, ass.professor
8. Akhundova Natavan Eldar - PhD, ass.professor
9. Mammadova Leyla Jabrail - PhD, ass.professor
10. Garashova Mina Arif - PhD, ass.professor
11. Karimova Sevinj Nadir - PhD, ass.professor
12. Safarova Saadat Sattar - PhD, ass.professor
13. Amiraslanova Shafa Zafar –PhD, assistent
14. Mirzayeva Khatira Malik - PhD, assistent
15. Khudiyeva Aytan Nizami - PhD, assistent
16. Bakhshaliyev Fikret Maharram - PhD, assistent
17. Bayramova ElnaraVagif - PhD, assistent
18. Jafarova Tarlan Faig - PhD, assistent
19. Ahmadzade Vusala Ahmed - PhD, assistent
20. Aliyeva Kamala Kerim - PhD, assistent
21. Mursalova Sevil Alamshah - PhD, assistent
22. Valiyeva Saida Nazim - PhD, assistant
23. Hajiyeva Arzu Aghaveli - PhD, assistant
24. Ismayilova Arzu Camal - PhD, assistant
25. Zeynalova Xuraman Panah - PhD, assistant
26. Hasanova Nurlana Nadir - PhD, assistant
27. Gojayeva Aybeniz Ali - PhD, assistant
28. Vahabova Sharifa Bilal - PhD, assistant
29. Ahmadova Turkan Nuraddin - PhD, assistant
30. Mammadova Samimra Shmid - PhD, assistant
31. Pashayeva Jeyran Bayram - PhD, assistant
32. Hasanova Samira Selyadar - PhD, assistant
33. İsmayilova Sevinj Maharram - PhD, assistant
34. Bagirova Aliya Musa - PhD, assistant
35. Valiyeva Saadat Sanan - assistant

THE DEPARTMENT

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PREREQUISITES:
There is no subject that must be taught previously.

CORREQUISITES:
There is no necessary for studying other subject at the same time.
COURSE DESCRIPTION:
In this subject, the anatomy and physiology of the female genital organs, pregnancy diagnostics, examination methods, features of pathological and physiological pregnancy, fetal development, assessment of the condition of the fetus in the uterus, physiological and the course of pathological childbirth, surgical delivery, study of the condition of the newborn, care for the newborn in early neonatal period, characteristics of women’s body in the postpartum period and the types of menstrual dysfunction and principles of treatment. Specific and non-specific etiological inflammatory diseases, Congenital malformations of genital tract, infertility, family planning, contraceptives, benign and malignant tumors of female genital tract, acute abdomen are widely described.

COURSE OBJECTIVES:
The main purpose of the subject "Obstetrics and Gynecology" is to know the pathological and physiological features of pregnancy, childbirth and postpartum period, to protect mother’s and newborn’s health.

COURSE RESULTS:
After studying this subject, students should know:
1. Pathological and physiological features of pregnancy.
2. Pathological and physiological features of childbirth.
3. Minor obstetric operations used in childbirth.
4. Indications and contraindications for cesarean section.
5. Assessment of the newborn’s condition.
7. Physiology, pathology, causes, treatment of the menstrual cycle.
8. Examination methods, including clinical, functional, radiological, endoscopic examinations.
9. Diagnosis and causes of infertility.
10. Early diagnostics of precancerous and cancer of the endometrium and cervix.
11. The contraception, using of contraceptive methods,
indications and contraindications for hormone contraceptives.
12. Indications for operations on the reproductive organs, surgical techniques.

**Must be able to:**

1. Determination the height of the fundus of uterine
2. Auscultation of fetal heart rate
3. Determining the duration of pregnancy
4. Determining the expected date of delivery.
5. External examination of pregnant women by Leopold method
6. Measurement of the pelvis in pregnant women
7. Determining the approximate weight of the fetus
8. Assistance in the management of normal birth
9. Assistance in the speculum examination of the birth canal
10. Assistance in checking the placenta.
11. Anthropometry of the newborn and prevention of gonoblenore
12. Assistance in the care of the umbilical cord
13. Examination of breasts.
14. Internal bimanual examination
15. Examination of the vaginal canal.

**Must have:**

1. Examination during pregnancy
2. Women’s care during labor.
3. Women’s care during postpartum.
4. Care of the sutures
5. Woman’s care after cesarean section
7. Results of functional, radiological, endoscopic and ultrasound examinations.
Topics:

**IV course autumn semester**

1. The pelvis in obstetrics. Bone pelvis and pelvic floor muscles.
2. The fetus as an object of birth
3. Diagnosis in early pregnancy
4. Diagnosis of late pregnancy
5. Methods of instrumental examination during pregnancy (ultrasound, Doppler, KTG
6. Antenatal care
7. I period of physiological labor. Partogram
8. II period of labor. Biomechanism of labor in the anterior and posterior occiput position
9. III period of labor. Anesthesia during labor.
10. Physiological postpartum period.
11. Physiology of the newborn.
13. Pathological conditions in the first trimester of pregnancy (toxicosis).
14. Spontaneous abortion (early, late)
15. Incomplete abortion
16. Isthmicoservical insufficiency, methods of correction
17. Abortion
**IV course spring semester**

1. Pelvic anomalies.
2. Face presentation. Asynclitism. Clinically contracted pelvis
4. Premature birth.
5. Overdue pregnancy.
6. Anomalies of labor.
7. Induction and stimulation of labor
8. Ectopic pregnancy
11. Premature separation of a normally located placenta.
12. Placenta adhesion anomalies
14. Preeclampsia. Diagnosis and treatment
15. Therapy against eclamptic seizures
17. Cesarean section: surgical technique, analgesic methods, complications
18. Fetal growth restrictions
19. Fetal distress during pregnancy and childbirth.
20. Minor obstetric operations.
21. Multiple pregnancies.
22. Intrauterine Infections.

23. Pregnancy and anemia

24. Pregnancy and kidney diseases


**V course**

1. Clinical anatomy of the female genitalia

2. General methods of examination of gynecological diseases (propaedeutics, external examination of the genitals, examination of the cervix with a speculum, bimanual examination, assessment of the condition of the mammary glands)

3. Special examination methods in gynecology (diagnostics of the abrasion of uterine cavity, tissue biopsy and cytological examination)

4. Methods of ultrasound and radiological examination in gynecology (HSG, CT, MRI, X-ray examination of the Turkish saddle)

5. Methods of endoscopic examination in gynecology (colposcopy, hysteroscopy, laparoscopy)

6. Hormonal examinations in gynecology (FDT, hormones in the blood and urine, functional examinations)

7. Menstrual dysfunction, primary amenorrhea

8. Secondary amenorrhea (hypothalamic and pituitary origin)

9. Ovarian and uterine cause amenorrhea

10. Abnormal uterine bleeding (juvenile reproductive and climacteric)


12. Non-specific etiology. Inflammatory diseases of the female genital organs
13. Inflammatory diseases of female genitals with specific etiology.

14. Viral diseases of the female genital organs

15. Uterine fibroids

16. Endometriosis

17. Infertility

18 Acceptance.

VI COURSE

OBSTETRICS

1. Obstetric trauma

2. Hysterectomy after cesarean section

3. Obstetric bleeding

4. Malpresentations.

5. Obstetric forceps, vacuum extraction, ventouse.

6. Purulent-septic diseases of the postpartum period.

7. Acute abdomen and pregnancy.

GYNECOLOGY

1. Developmental anomalies of the genitals

2. Improper position of the genitals. Correction methods.

3. Trophoblastic diseases

4. Injury to the genitals

5. Acute abdomen in gynecology
6. Endoscopic surgery in gynecology
7. Family planning

**LECTURE TEXTS OF THE SUBJECT:**

**IV course autumn semester**
2. Changes in a woman's body during pregnancy. The reasons of labor
3. Incomplete pregnancy.
5. Hypertensive conditions during pregnancy. HELLP syndrome.

**IV course spring semester.**
1. Pathologies of the placenta and fetal membranes
2. Neonatal trauma
3. Fetoplacental insufficiency. TORCH - syndrome
4. Thrombophilic complications in obstetric practice
5. Isoimmunization. Rh - conflict. Hemolytic disease of the fetus and newborn

**V course**
1. Ontogenesis of the reproductive system and regulation of menstruation.
2. Premature puberty and delayed sexual development
3. Hyperandrogenism
4. Precancerous diseases of the cervix
5. Physiology and pathology of the perimenopausal period
VI COURSE AUTUMN SEMESTER

1. Pregnancy during endocrine pathology
2. Extragenital pathologies and pregnancy
3. Prenatal diagnostics. Medical-genetic consultation
4. Developmental abnormalitis of newborns

VI course spring semester.

1. Reproductive endocrinology
2. Features of puberty in girls
3. Modern assisted reproductive technologies
4. Benign and functional tumors of the ovary
5. Hyperplastic processes of the endometrium

EVALUATION:

This subject is not conducted by the credit system. Maximum 100 points on the subject. 50 of them exam results, 50 of which are collected according to the student's activity during the semester.

50 points given to the student's activity during the semester, taking into account the following defined:

10 points - for attendance
10 points - for independent work
10 points - skill
20 points - points to be collected from seminar classes.

NOTE:
The points collected during and before the exam are summed up and the final amount is as follows rated as:

A - "excellent" - 91-100 points
B - "very good" - 81-90 points
C - "good" - 71-80 points
D - “enough” - 61-70 points
E - "satisfactory" - 51-60 points
F - "insufficient" - less than 51 points

FREE WORK:

This subject is not conducted by the credit system.

LITERATURE AND MATERIALS:


COURSE WORK

Course work on this subject is not provided.

EXPERIENCE

Production experience in this subject is provided.

Prepared by doctor of medical sciences., prof. Aliyeva E.M.

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