Subjects of employment on obstetrics  
for students 4 rates of faculty of foreign students  
on 7 semester of 2016-2017 year

1. Organization of obstetric care. Female reproductive system.  
2. Perinatology.  
3. Physiological pregnancy.  
4. Physiological labor.  
5. Pregnancy in women with cardio-vascular diseases, endocrine pathology.  
6. Pregnancy, labor and obstetric outcomes among women with renal pathology, blood diseases and liver diseases.  
7. Pregnancy, labor and obstetric outcomes among women with acute surgical and gynecological pathology, infectious diseases.  

Duration of employment - 5,0 hours. (40)  
Beginning: 8.00 – 12.15  
Break time 1 - 09.30 - 09.45  
Break time 2 - 11.15 - 11.30  
End-of-semester test

Head of the department  
of obstetrics and gynecology  L.V.Gutikova
### Control independent students work
#### 2016/2017 year
#### VII semester

<table>
<thead>
<tr>
<th>№</th>
<th>Topics (Lectures)</th>
<th>Hours</th>
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<tbody>
<tr>
<td>1</td>
<td>Methods of examination in obstetrics and gynecology.</td>
<td>0,7</td>
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<td>2</td>
<td>Prenatal assessment of fetal condition.</td>
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<td>3</td>
<td>Physiology of utering contraction activity.</td>
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<td>4</td>
<td>Inherited and acquired thrombophilia.</td>
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<td></td>
<td>Thrombocytopathy (disorder of platelet function).</td>
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<td>5</td>
<td>Cytomegalovirus and herpes infections, flu, rubella, measles, listeriosis: course and management of pregnancy, labor, postpartum period; complications for mother, a fetus and the newborn; indications to abortion.</td>
<td>0,7</td>
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LESSON №1

ORGANIZATION OF OBSTETRIC CARE.
FEMALE REPRODUCTIVE SYSTEM.

1. Milestones of obstetrics and gynecology development.
3. Providing of sanitary and epidemic well-being of population.
5. Demographic (population) policy in Republic of Belarus.
7. Ethical decision making in obstetrics and gynecology. Deontological ethics.
8. Structure and organization of ambulatory care for women. Structure and organization of maternity hospital work. Analysis (characteristics) of their work: early and late admission, mortality rate, percentage of premature delivery, operational benefits at deliveries, postpartum morbidity etc.
9. The main tasks of sanitary-epidemiological service in maternity hospital.
11. Specialized obstetrics and gynecological services.
14. Features of development and structure of the female reproductive organs in different age periods.
15. External and internal genitalia. Mammary glands.
16. Physiology of the female reproductive system.

Literature

Lectures.
LESSON №2

PERINATOLOGY

1. Purpose and main tasks of perinatology (maternal–fetal medicine).
2. Perinatal mortality rate and ways of it reduction.
3. Antenatal, intranatal and early neonatal mortality- definitions, risk factors and causes.
4. Perinatal care of fetus and neonate.
5. Anomalies of fetus development and forms of pathology.

Literature

Lectures.
LESSON №3

PHYSIOLOGICAL PREGNANCY

1. The formation of functional system "mother - placenta - fetus": fertilization, early embryogenesis, implantation.
2. The development and functions of the placenta.
3. Functions of the amniotic fluid. Polyhydramnios and oligohydramnios.
4. The structure and functions of the umbilical cord and placenta.
5. Physiology of the fetus: stages of prenatal development.
6. Fetal lie, fetal position, vision of fetal position, fetal presentation. The size of the fetus head, sutures, fontanelles.
7. Main changes in specific organ systems during pregnancy.
8. Diagnostics of pregnancy.
11. Female pelvic floor anatomy and function.
16. Examination and supervision of pregnant in the woman consultation.
17. Nutrition for the pregnant women. Specificity of the diet of pregnant women during the later gestation period.
18. Daily routine and personal hygiene during pregnancy
19. Childbirth (prenatal) education classes and workouts to prepare for labor.

Literature

Lectures.
LESSON №4

PHYSIOLOGICAL LABOR

1. Causes and onset of labor.
2. True contractions and pushing during labor.
3. Labor precursors.
4. Physiological preliminary period: characteristics, diagnosis, management.
5. Clinical course of labor: signs of the labor onset, stages of the labor, their characteristics.
6. Principles of labor management.
8. Partogramma (labor curve).
10. Biomechanisms of the labor in case of the occipitoanterior and occipitoposterior presentation.
12. Expectant (physiological) management of the third stage of labor. Signs of placental separation.

Literature

Lectures.
LESSON №5

PREGNANCY IN WOMEN WITH CARDIO-VASCULAR DISEASES, ENDOCRINE PATHOLOGY

1. Course of pregnancy in women with acquired and congenital heart defects. Indications for the abortion.

2. Management of pregnancy in women with acquired and congenital heart defects. Indications for the abortion.


5. Characteristic features and diagnosis of diabetes mellitus in different term of pregnancy.

6. The course of pregnancy and its management in women with diabetes mellitus. Indications for the abortion.

7. Fetal and neonatal consequences of diabetes mellitus


Literature


Lectures.
LESSON №6

PREGNANCY, LABOR AND OBSTETRIC OUTCOMES AMONG WOMEN WITH RENAL PATHOLOGY, BLOOD DISEASES AND LIVER DISEASES

6. Thrombocytopenia. Features of a clinical course, diagnosis and management of pregnancy, labor and postpartum period.
7. Features of a clinical course and management of acute and chronic viral hepatitis during pregnancy.

Literature
Lectures.
LESSON №7
PREGNANCY, LABOR AND OBSTETRIC OUTCOMES AMONG WOMEN WITH ACUTE SURGICAL AND GYNECOLOGICAL PATHOLOGY, INFECTIOUS DISEASES

1. Characteristic features and diagnosis of appendicitis in different term of pregnancy.
7. Course and management of pregnancy at women with uterus myoma. Indications for termination of pregnancy.
8. Course and management of pregnancy at women with ovarian tumor.
12. Cytomegalovirus and herpes infections, flu, rubella, measles, listeriosis: course and management of pregnancy, labor, postpartum period; complications for mother, a fetus and the newborn; indications to abortion.
14. Tuberculosis and pregnancy, course of pregnancy, labor, indications to abortion.

Literature

Lectures.
LESSON № 8
BREECH PRESENTATION
MALPRESENTATION AND MALPOSITION

1. Etiology, classification, diagnosis and prevention of breech presentation.
2. Course and management of pregnancy with breech presentation, complications during pregnancy.
3. Methods of correction of breech presentation.
5. The manual aids in breech presentation.
7. Technique of external cephalic version.
8. Malpresentation (vertex, brow and face presentation): causes, management of labor.
9. Peculiarities of biomechanics of labor in vertex and face presentation.

Literature
Lectures.