

**DEPARTMENT OF OBSTETRICS AND GYNECOLOGY**  
**COURSE IN OBSTETRICS**  
**FOR STUDENTS OF FACULTY OF MEDICINE**

*The name of Unit in which the subject is realized*

**DEPARTMENT OF OBSTETRICS AND GYNECOLOGY**

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Head

**Prof. dr hab. Ryszard Czajka**

***Total hours:***

**5<sup>th</sup> year**

Total: 65

Practical: 42

Seminars; 23

ECTS: 3

**6<sup>th</sup> year**

Total: 65

Practical: 42

Seminars; 23

ECTS: 2

**Aim of the teaching**

The main aim of the teaching is practical and theoretical preparing students in the subjects of :

- Physiological pregnancy, labor and puerperium
- Biophysical monitoring of foetal well-being
- Fetal complications and it's diseases

— Maternal complications and diseases which can complicate the course of pregnancy, labor and puerperium.

From the practical point of view students have to:

1. Be able to perform obstetrical anamnesis, obstetrical external and internal examination, fetal auscultation, collect Pap smears and microbiological vaginal and cervical cultures
2. To conduct of obstetric procedures on obstetric phantom
3. To assist during physiological vaginal deliveries under control of assistant
4. To assist during perineoraphy
5. To assist in obstetrical operative procedures

### **The forms of activites**

#### **Classes**

Studies are led on V and VI year of Medical Faculty in 7 day's blocks for each group in the form of exercises, seminars and examination

42 hours of practical classes (exercises) for each group have placed in seven days block

During 5<sup>th</sup> and also 6<sup>th</sup> year of study. Exercises in 2-3 persons sub group are running in wards of the Department: Delivery room, Postpartum Ward, Pathology of Pregnancy Ward and Gynaecological Ward (according to timetable). Every day has place a change of the ward.

Classis starts at 8a.m. and take to 2p.m.

Time table of classis in the Department of Obstetric and Gynaecology

— Classis starts at 8.am. sharp and last till 2 p.m.

— 8.00 – 8.10 Meeting in the Delivery Room

— 8.10 – 10.00 Classis in the wards

— 10.00 - 10.30 Breakfast break

— 10.30 – 11.45 Classis in the wards

— 12.00 – 14.00 Seminar

Every day theoretical knowledge may be checked. Students have to know theoretical problems according to time. All students have to present every day. Twelve hours duty must be done and theoretical oral test must be passed if one absence with justification occurs. If two absences with justifications occur all absent classis should be done with another student's group. If more then two absences or any absence without justification occurs the all block must be repeated.

### **Seminars (lectures)**

Seminars include 23 hours of prelections for each group (12 to 16 persons) during 5<sup>th</sup> and 6<sup>th</sup> year of study. One lecture lasts 3 houers. They include material from range of physiology and pathology of pregnancy, labor and also puerperium time.

#### Themes of seminars for student of V Year of Medical Faculty

1. Maternal-fetal physiology. Menstrual cycle. Maternal physiologic changes associated with pregnancy. Obstetrical care for pregnant women
2. Normal labor. Female pelvic anatomy. Stages of labor. Mechanism of labor. Management of labor. Natural labor. Family labor
3. Physiology and pathology of puerperium
4. Fetal surveillance techniques. Ultrasound diagnostics. Doppler blood flow studies. Fetal lung maturity tests. Biophysical profile.
5. Complications of early pregnancy. First trimester bleeding. Abortion. Ectopic pregnancy. Molar pregnancy. Multifetal pregnancy.
6. Preterm labor. Diagnosis, etiology and prevention. Management of preterm labor. Preterm premature rupture of fetal membranes.
7. Intrauterine grow retardation – definition, etiology, management and treatment. Amniotic fluid function. Amniotic fluid testing.

#### Themes of seminars for student of VI Year of Medical Faculty

1. Abnormal labor. Management of abnormal labor. Techniques of operative delivery. Ante partum and postpartum hemorrhages
2. Bleeding in second half of pregnancy.
3. Renal diseases in pregnancy. Urinary tract infections. Drugs and pregnancy.
4. Hepatobillary diseases in pregnancy. Infections diseases in pregnancy.
5. Rh isoimmunisation and other immunological disturbances – alloimmunological thrombocytopenia (AIT), antiphospholipid syndrome (APS)
6. Pregnancy induced hypertension (PIH)
7. Glucose intolerance and diabetes mellitus in pregnancy. Thyroid diseases in pregnancy

### **Final exam and tests**

The knowlage is chacking twice during to process of teatching. The final test is the one choice test (50 questions). To pass the test 66% correct answers is required. Oral test with the Head of the Department will be obligatory if twice failed tests occurred.

The final exam from obstetrics and gynecology takes place after the end of all gynecological and obstetrical parts of teatching process. The for of the final exam is the oral exam. Only

one of the independent scientific workers is able to perform the exam. Before the theoretical oral exam students have to pass a practical one. One of the scientific workers indicated by the head of the Department in which the exam takes place performs the practical part of the exam.