

**DEPARTMENT OF GYNAECOLOGIC SURGERY AND ONCOLOGY OF ADULTS
AND ADOLESCENT
COURSE IN GYNAECOLOGY
FOR STUDENTS OF FACULTY OF MEDICINE**

The name of Unit in which the subject is realized

**Department of Gynaecologic Surgery and Oncology of Adults and Adolescent
Al. Powstańców Wlkp. 72**

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Head

Prof. Izabella Rzepka-Górska,

Total hours:

1251 hours include:

185 h of seminars

1066 h classes

ECTS: 7

AIMS of TEACHING

- ◆ Specific of doctor work in Gynaecological Department and Outpatient Gynaecological Clinic;
- ◆ Doctor work in Outpatient Adolescent and Children Clinic;
- ◆ Gynaecological examination with taking the cytological and bacteriological smears;
- ◆ Technique of basic gynaecological operations and endoscopic method (active participation);
- ◆ Diagnostic and treatment process in oncologic patients (Oncological Committee);
- ◆ Modern diagnostic technique in gynaecology (transvaginal ultrasonography, laparoscopy, hysteroscopy);
- ◆ Gynaecological physiology and pathology (seminars programm);

FORMS OF ACTIVITIES

Subject of Gynaecology is carried out in V and VI year of study in forms classes, seminars, colloquiums, and examination. There are no lectures.

1. **Classes with Gynaecology** include 30 h in V year and 22 h in VI year for each group (4-6 students). Classes take place in Gynaecological Department, Outpatient Gynaecological Oncology Clinic, Adolescent and Children Outpatient Clinic, Ultrasonographic Room and Operating Room. Students are learning about objective and subjective gynaecologic examination (exercises on phantom and examining the patient, taking cytology and bacteriology smears with assist of leading doctor). Students are also learning technique of ultrasonography and assist to operations on Operating room. Classes are lasting 4 h each day (5 days for each group).
2. **Seminars with Gynaecology** are conducted during 5 h in V year and 16 h in VI year of study. On V year they include anatomy of gynaecological organs, physiology of adolescent perimenopausal period, physiology of sexual cycle, and gynaecological emergencies. On VI year of study seminars include gynaecological oncology and pathology of adolescent period. The seminars are carried out in group of 12-20 students a one tutor.
3. The material with gynaecology is controlled after block of exercises for each group during colloquiums as test with uni-choice questions. The test has two oral re-sits.
4. **The exam** with obstetrics and gynaecology is carried out as oral examination. Additionally, each of student is obligated to pass practical examination before theoretic examination. The exam has two re-takes in oral form.

SEMINARS PROGRAM

SEMINARS PLAN FOR 5TH YEAR

I. Gynaecological Anatomy

- ◆ Anatomy of gynaecological organs;
- ◆ Construction of bottom of pelvis;
- ◆ Vasculature and nervure;
- ◆ Lymphatic-system;

II. Urgent gynaecology

- ◆ Extrauterine pregnancy;
- ◆ Rupture of ovarian cyst;
- ◆ Torsion of adnexa;
- ◆ Adnexitis and pelveoperitonitis;

Diagnostic Method in Gynaecology

- ◆ Ultrasonography;
- ◆ Hysterosalpingography (HSG);
- ◆ Hysteroscopy;

- ◆ Laparoscopy;
- ◆ Colposcopy;
- ◆ Cancer markers;

III. Seminar Physiology of Climacteric Period

- ◆ Reasons and mechanisms of climacteric;
- ◆ Phases of climacteric;
- ◆ Endocrinology aspects of climacteric;
- ◆ Neurovegetative and somatic symptoms of climacteric.
- ◆ Diseases of climacteric period;
- ◆ Climacteric pathological bleeding;
- ◆ Hormone Replacement Therapy.

IV. Sexual Cycle

- ◆ Neurocrine function of hypothalamus;
- ◆ Mechanism of feedback in system hypothalamus-pituitary body-ovary;
- ◆ Pulsation and cycling secretion of GnRh and gonadotropins;
- ◆ Dynamics of hormonal changes in ovarian cycle;
- ◆ Maturation of ovarian follicles;
- ◆ Mechanism of ovulation;
- ◆ Function of lutein body;
- ◆ Physiology of endometrium.