Topic scheme
of practical studies on gynecology for the Faculty of foreign student
10th term 2017-2018

Topic №1. Premalignant lesions of the female reproductive organs.

Topic № 2. Benign diseases of the female reproductive organs.

Topic № 3. Gynecologic emergency.

Topic № 4. Operative gynecology.

Topic № 5. Gynecological problems for the infant, child and teen. Infertility. Family planning.

Beginning: 8.00 – 13.00
1Break time: 09.30-09.45
2Break time: 11.15-11.30-09.45
Studies last 6,0 hours (30)

History Case. Examination.

Head of obstetrics
and gynecology chair **Gutikova L.V.**

The list of practical skills
for 5 -year Foreign Students

1. Speculum exam, vaginal exam, bimanual exam.
2. Rectal exam.
3. Assesment of fetal well-being.
4. Ultrasonic and Doppler investigation in obstetrics and gynecology(possibility, terms, interpretation of results).
5. Types of biopsy in gynecologic practice.
6. Separate diagnostic curettages of a uterus (terms, indications, contra-indications).
7. Cytologic and bacteriologic research in obstetrics and gynecology.
8. Culdocentesis.
9. Colposcopy (types, possibilities).
10. Hysteroscopy (possibilities, indications, contra-indications).
11. Metrosalpingographia (indications, contra-indications).
12. An estimation of menstrual cycle abnormalities (tests of functional diagnostics, hormonal research, USG, etc.).

Topic №1
Premalignant lesions of the female reproductive organs

1. Definition of epithelial disorders and precancer: clinical and morphological.
2. Vulval epithelial disorders: squamous cell hyperplasia (hyperplastic dystrophy), lichen sclerosus, genital warts. Etiology. Clinic. Diagnostics, differential diagnostics. Methods of treatment. Prognosis.
3. Vulval and vaginal intraepithelial dysplasia. Etiology. Clinic. Diagnostics. Methods of treatment. Indications to surgical treatment. Management of women after treatment.
4. Benign lesions of the uterine cervix: erosion, congenital and acquired cervical ectopy, ectropion, leykoplakiya, eritroplakiya, cervical polyps, condylomas. Etiology. Clinic. Diagnostics. Colposcopy, biopsy in differential diagnosis of cervical pathology.
5. Management of patients with benign cervical pathology. Methods of conservative and surgical treatment. Individual protocol. Prognosis. Management of women after treatment.
6. Cervical intraepithelial dysplasia. Etiology. Role of viral infection in the development of CIN.
7. Cervical intraepithelial dysplasia. Clinical features. Investigations. Confirmation of diagnosis.
8. Current management of women with cervical dysplasia. Conservative and surgical treatment. Indications and types of cervical biopsy. Indications and principle of conisation. Drawbacks. Prognosis.
9. Endometrial lesion: hyperplasia, polyps. Etiology. Clinical features. Diagnosis.
10. Treatment of patients with endometrial hyperplasia and polyps. Management after treatment.
11. Premalignant lesions of endometrium: atypical hyperplasia, adenomatous polyp. Etiology. Clinical features. Diagnosis.
12. Treatment of patients with premalignant pathology of endometrium. Indications for surgical treatment. Management after treatment.

Literature:

1. Danfort's Obstetrics and Gynekology. Seventh edition. 1994. – 1121 p.
2. Lectures

Topic № 2
Benign diseases of the female reproductive organs

1. Benign lesions of the vulva and vagina: cyst, fibroma, myoma, adenoma, lipoma, hemangioma. Etiology, clinic, diagnosis, treatment.
2. Uterus myoma: pathogenesis, classification, diagnosis, clinical features.
3. Management of patients with uterus myoma: conservative therapy, indications and types of surgical treatment. Individual approach in different age groups of patients.
4. Cyst (non-neoplastic) and ovarian tumor (neoplastic enlargement): definition, pathogenesis, classification.
5. Diagnosis, clinical features, management, methods of treatment. Torsion of ovarian pedicle. Complications in benign ovarian tumor.
6. Endometriosis: definition, etiopathogenesis, classification.
7. Diagnosis and clinical features in different sites of endometriosis.
8. Management of patient with endometriosis. Types of treatment. Indications for conservative treatment and surgery. Prophylaxis. Rehabilitation.
9. Benign lesion of breast: fibrocystic breast disease. Etiopathogenesis, classification, clinical features.
10. Diagnosis, methods of treatment. Screening of breast cancer. Breast self examination.

Literature:

1. Danfort's Obstetrics and Gynekology. Seventh edition. 1994. – 1121 p.
2. Lectures

Topic № 3
Gynecologic emergency

1. Gynecologic disorders with “acute abdomen”. Ectopic pregnancy, ruptured ovarian cyst, adnexal torsion, degenerating leiomyoma, rupture of tubo-ovarian abscess. Diagnostic methods.
2. Ectopic pregnancy, etiology.
3. Clinical signs of unruptured and ruptured extrauterine pregnancy.
4. Diagnostic methods and differential diagnosis of ectopic pregnancy. Treatment and prophylaxis of ectopic pregnancy.
5. Ruptured ovarian cyst. Clinical features, diagnosis, differential diagnosis and treatment.
6. The perforation of the uterus. Clinical features. Diagnosis, differential diagnosis and treatment.
7. Ovarian cyst torsion. Diagnosis, differential diagnosis and treatment.
8. Torsion of pedunculated myoma, degenerating myoma. Clinical signs, diagnosis, differential diagnosis and treatment.
9. Rupture of tubo-ovarian abscess. Clinical signs, diagnosis, differential diagnosis and treatment. Pelvioperitonities. Peritonitis.
10. Septic abortion. Sepsis. Septic shock.
11. Treatment approach in gynecologic emergency diseases.
12. Differential diagnosis of causes of acute pelvic pain.

Literature:

1. Danfort’s Obstetrics and Gynekology. Seventh edition. 1994. – 1121 p.
2. Lectures

Topic № 4

Operative gynecology

1. Principles and methods of surgical treatment of “acute abdomen” in gynecology. Rehabilitation after surgery.
2. Types of laparoscopic operations in “acute abdomen” in gynecology. Indications. Contraindications.
3. Basic principles of preoperative preparations in gynecology. Postoperative care. Immediate and remote complications in postoperative period. Diagnosis and treatment.
4. Typical gynecological operations on cervix, adnexis, uterus. Surgical correction of genital prolapse. Indications and contraindications. Steps of operations. Complications.
5. Reconstructive plastic operations for preservation of reproductive function and improvement of quality of life of the woman. Endoscopic surgical methods of treatment in gynecology.
6. Postoperative rehabilitation of gynecologic patients.

Literature:

1. Danfort’s Obstetrics and Gynekology. Seventh edition. 1994. – 1121 p.
2. Lectures

Topic № 5
Gynecological problems for the infant, child and teen.
Infertility. Family planning.

1. Physiological features of development of a child. Methods of inspection of children: the general, special and additional.
2. Physical changes during puberty: breast, pubic and axillary hair growth, menstruation. Assessment of sexual development.
3. Precocious puberty: iso-sexual and heterosexual, central and peripheral. Classification. Etiopathogenesis. Clinic, diagnosis, treatment.
4. Delayed puberty: central, constitutional, peripheral causes. Etiopathogenesis. Clinic, diagnosis, treatment.
5. Lack of sexual development. Etiopathogenesis. Clinic, diagnosis, treatment.
6. Congenital abnormalities of the genital tract: etiopathogenesis, classification, clinical features, diagnosis, methods of correction.
7. Genital injuries in girls: causes, types. Diagnosis. Treatment.
8. Inflammatory diseases at premenarchal and postmenarchal girls. Etiopathogenesis, classification, diagnosis, clinical manifestations, treatment, prevention.
9. Puberty menorrhagia. Etiopathogenesis, classification, clinic, diagnosis, treatment.
10. Benign tumors of genital tract in child and teenage girls. Management.
11. Purposes and problems of reproductive medicine and family planning. Demography and demographic policy.
12. Organization of medical and social psychological support to a married couple. Algorithm of inspection.
13. Female infertility: causes, diagnosis, methods of conservative and operative treatment.
14. Male infertility: causes, diagnosis, treatment. Seminal fluid analysis.
15. Assisted reproductive technologies: intrauterine insemination, in vitro fertilization and embryo transfer and other methods.
16. Medical abortion: social and medical aspects of a problem, methods of interruption of pregnancy in early and late terms – indications, contraindications, complications, influence on reproductive function, prevention, rehabilitation.
17. Contraception: classification of methods and means. The criteria for ideal contraceptive method.
18. Hormonal methods of contraception and mode of their action. Use of hormonal contraceptives for treatment of the gynecological pathology.
19. Emergency, postpartum contraception and contraception for teenage girls.
20. Sterilization. Indications. Immunological methods of contraception

Literature:

1. Danfort's Obstetrics and Gynekology. Seventh edition. 1994. – 1121 p.
2. Lectures