

SYLLABUS

Program	Medicine
TRACK	Obstetrics and Gynecology
COURSE	Women's Health
CODE AND CREDITS	33810-16
HOURS	240
TERM:	Starting in 2019/1

OBJECTIVES: At the end of the course, students will:

Be able to provide a variety of services towards women's health; Seek deeper insights into Obstetrics and Gynecology; Be equipped with the theoretical insights of the area to be able to recognize, understand and conduct proper management of the pathophysiological aspects of women's health problems as well as pregnancy and post-partum conditions.

COURSE DESCRIPTION:

The course will address the following topics: Comprehensive study of the female reproductive system and breast both pregnant and non-pregnant women; Provision of assistance in the prevention, diagnosis and treatment of obstetric and gynecological diseases in an effort to recognize the etiopathogenic, morphological and functional aspects of several associated pathologies; Development of clinical and surgical judgment, investigative and other important biopsychosocial skills.

METHODOLOGY:

The course will blend theory and practicum work. Students will provide assistance to pregnant and non-pregnant women through simulations. Students meet twice a week. Students will be divided in groups to have obstetrics and gynecology practicum. Practicum activities will be conducted at the outpatient facility and operating room of HSL-PUCRS as well as at Vila Fátima and Vila Bom Jesus health care centers.

- Introduction to the syllabus;
- Menstrual disorders - secondary amenorrhea and anovulation;
- Medical history and gynecological exams;
- Primary Amenorrhea;
- Contraception;
- Preconception appointment; Medical history and obstetric exams;
- Physiological adaptations of pregnant women I: cardio-circulatory, skeletal, pulmonary, gastrointestinal and renal systems;
- Physiological adaptations of pregnant women II: endocrinological, dermatological, emotional, neurological, hematological, ophthalmological;
- Low-risk prenatal care;
- High-risk prenatal care;
- Drugs in pregnancy;
- Benign breast conditions;
- Spotting in pregnancy I: abortion, ectopic pregnancy, hydatidiform mole;
- Spotting in pregnancy II: placenta previa (PP), placental abruption (PPD), postpartum hemorrhage, uterine rupture;

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- Hypertension in pregnancy - chronic and pre-eclampsia;
- Urinary tract infection in pregnancy: asymptomatic, cystitis and pyelonephritis;
- Prematurity;
- Labor induction - indications, techniques and results, stillbirth;
- Multiple pregnancy;
- Diabetes in pregnancy;
- Chronic Pelvic Pain;
- Infections during pregnancy: HIV, Syphilis, Rubella, Toxoplasmosis;
- Infections during pregnancy: CMV, Parvovirus, Hepatitis, HPV, Herpes;
- Abnormal Uterine Bleeding / Uterine Myomatosis;
- Pregnancy ultrasound: indications, gestation periods, fetal biometry, fetal growth deviation;
- Ultrasound for fetal assessment: fetal biophysical profile, amniotic fluid, doppler, fetal centralization;
- Exam;
- Papillomavirus Vulvovaginitis / HPV;
- Sexology;
- Climacteric;
- Fetal aesthetics, obstetric pelvis, delivery path. Mechanism of delivery;
- Premature rupture of membranes;
- Infertility;
- Malignant breast diseases;
- Labor: diagnosis, care (Partograph);
- Ante- and intrapartum evaluation of fetus (CTG / antepartum radiography);
- Infections during pregnancy: CMV, Parvovirus, Hepatitis, HPV, Herpes;
- Rh Isoimmunization;
- Genetic counseling: reproductive cycle, gynecology and mastology;
- Urogynecology;
- C- sections - indications, technique and anesthesia;
- Physiological and pathological puerperium;
- Pathologies of the vulva, vagina and cervix;
- Pathologies of the endometrium, fallopian tubes and ovaries;
- Infections during pregnancy: CMV, Parvovirus, Hepatitis, HPV, Herpes;
- Diabetes in pregnancy.

BIBLIOGRAPHY:

Basic Bibliography:

- BADALOTTI, M.; PETRACO, A., FRASSON, A.; GONÇALVES, M. A. (Orgs.) Manual de Ginecologia. Porto Alegre: EDIPUCRS, 2009.
- REZENDE FILHO, J. de; MONTENEGRO, C. A. B. Obstetricia Fundamental. 12 ed. Rio de Janeiro: Guanabara Koogen, 2012.
- TE LINDE RW et al. Te Linde's Operative Gynecology. 9 ed. New York: Lippincott Williams & Wilkins, 2003.

Complementary Bibliography:

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- ACAUAN, Breno José. FILHO, Edson Vieira da Cunha. STEIBEL, Gustavo. STEIBEL, João AP. PAULA, Leticia G. FILHO, Plinio V Medaglia. Obstetrícia de Plantão. Porto Alegre: EDIPUCRS, 2012.
- SPEROFF, L.; FRITZ, M. A. Clinical Gynecologic Endocrinology & Infertility. 7 ed. New York: Lippincott Williams & Wilkins, 2011.
- RICARDO BOFF. Mastologia aplicada: abordagem multidisciplinar. EDUCS, 2001.
- KUMAR V, FAUSTO N, ABBAS A. Robbins & Cotran Pathologic Basis of Disease. 7 ed. São Paulo: Elsevier, 2004.

OTHER SOURCES:

- Federação Brasileira das Sociedades de Ginecologia e Obstetrícia: www.febrasgo.org.br;
- Centers for Disease Control and Prevention: www.cdc.gov/;
- Instituto Nacional de Câncer: www.inca.gov.br;

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