LUNDS UNIVERSITET
Medicinska fakulteten

Nämnden för biomedicinsk, medicinsk och
folkhälsovetenskaplig utbildning (NBMFU))

VMFM03 Obstetrics and Gynecology

18 credits (hp)   Level *A*

General information

Main area
Medicine

Subject
Obstetrics and Gynecology

Type of course
International course at the undergraduate level

Teaching language
English

Objectives

Knowledge and understanding
After completion of the course the student should be able to identify patients with conditions/problems related to certain defined clinical situations (see course content). For each of these specified clinical situations the student should be able to describe and explain:

- patient care
- how to examine the situation
- important differential diagnoses
- prevention and therapy
- pathophysiological mechanisms

Skills and abilities
The student should be able to perform:

- to take a relevant patient history
- a physical gynecological and obstetric examination
- to judge the size, consistence and possible tenderness of the non-pregnant uterus and the ovaries
- to take a smear from vagina, portio and cervix for cytological examination
- to take a specimen from vagina and cervix for diagnosis of infectious diseases (culture and gross examination)
- to judge the size of the pregnant uterus in various periods of pregnancy and to perform an external examination of fetal lie and position as well as an internal palpatory examination of the uterine cervix

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- to auscultate fetal heart sounds.
- to apply an external cardiotocography (CTG) registration and to interpret the fetal heart rate recording.
- to perform an amniotomy
- to assist the midwife during five labours and deliveries and to deliver the baby
- to suture minor vaginal and perineal lacerations

Furthermore, the student should be able to evaluate scientific reports and to base his/her management on evidence-based medicine.

Judgement and approach
The student will be informed about ethical issues regarding the care of obstetric and gynecological patients.

Course content

The course is based on the following clinical situations:
- normal pregnancy and common pregnancy complications
- hypertensive disorders in pregnancy, preeclampsia, gestational diabetes, tromboembolic complications in pregnancy
- fetal diagnosis with ultrasound
- the use of ultrasound in clinical gynecology and obstetrics
- miscarriage and ectopic pregnancy
- therapeutic abortions
- normal labour and delivery
- common complications during labour and delivery
- intercurrent diseases in pregnancy
- the normal and complicated puerperium
- reproductive medicine including infertility and contraception
- gynecological infections including sexually transmitted diseases
- menstrual disorders in the adolescent and fertile period
- benign and malignant gynecological tumors
- palpable abdominal tumors
- abdominal pain
- urinary and anal incontinence
- climacteric and postmenopausal problems

Teaching and examination

The course is based on problem-based learning, case-based seminars and overview lectures. The students are assigned to various clinical sections of the Department. The students will train the gynecological examination technique in sessions with "professional patients" and in the skill centre Practicum they will have opportunity to use gynecological examination models and child birth models. They will participate under guidance in Labor ward, Ultrasound department, Out-patient clinics and Operating theatre

- Written examination
- Oral examination

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Grades

Passed or failed

Prerequisites

Studies in a Medical Programme at foreign university corresponding to 8 semesters including courses in pharmacology, internal medicine and surgery. Good knowledge of English.

Literature

Clinical Obstetrics and Gynecology. Edited by Driffe and Magowan. Second Edition, Saunders 2005
Handouts from overview lectures and seminars