



AL-AZHAR UNIVERSITY

FACULTY OF MEDICINE

OBSTETRICS & GYNECOLOGY DEPARTMENT

MASTER DEGREE

COURSE SPECIFICATIONS

2014/2015

Obstetrics and Gynecology Master Degree

Course specifications

University: Al-Azhar

Faculty: Medicine

Department: Obstetrics and gynecology

1- Data of the course:

Code of the course:	Title of the course: Obstetrics and Gynecology, Master Degree.	Year: _____ level: _____
Speciality: Obstetrics and gynecology	Number of the teaching units:8	Lectures: 27 hours Practical/ clinical: 24 hours

2- Objectives of the course:

	to specialize in the area of Obstetrics & gynecology, reproductive health including basic knowledge, normal and abnormal obstetrics, female fertility and infertility, genital tract infections, gynecologic oncology and other related gynecological problems. The candidates should achieve satisfactory levels of basic knowledge, clinical and surgical skills in all aspects of obstetrics & gynecology practice, interact with community problems, respect ethical values according to community culture, and promote their medical standards through engaging in continuing medical education. The program also aims to introduce the candidate to the basics of scientific medical research, develop leadership and team working skills and finally develop clinical practice which is based on the analysis of relevant clinical trials.
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3- ILOs

A- Knowledge and understanding:	By the end of the course the candidate should; A.1 -Recognize the basic scientific knowledge related to human reproduction including normal anatomy, physiology and normal and abnormal obstetrics, female fertility and infertility, genital tract
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	<p>infections, gynecologic oncology and other related gynecological problems.</p> <p>A.2- Identify and discuss common problems related to oncology, infertility, genital tract infections, genital prolapse and normal and abnormal labour, high risk pregnancy, normal and abnormal fetal condition, and complication of 3rd stage of labour and puerperal problem.</p> <p>A.3- Identify the basic pathology underlying different obstetrics & gynecology disorders</p> <p>A.4-Recognize the psychological basis of human sexuality and sexual disorders.</p> <p>A.5-Realize basic concepts of laboratory procedures related to assisted conception, female infertility, and genital tract infection</p> <p>A.6- Describe different management modalities for common Obstetrics & gynecology problems.</p> <p>A.7- Recognize the common drugs used in obstetrics such as: ecboolic, tocolytic; etc. and in gynecology</p>
<p>B- Intellectual skills:</p>	<ul style="list-style-type: none"> • By the end of the course the candidate should be able to; • B.1- Analyze symptoms & signs and construct a differential diagnosis for common obstetrics and gynecological complaints. • B.2- Design an appropriate diagnostic plan for evaluation of common obstetrics and gynecological complaints taking into consideration the nature of the clinical situation and the risks, benefits and costs to the patient. • B.3- Interpret the results of different investigations related to common obstetrics and gynecological complaints. • B.4- Formulate treatment plans for common and rare obstetrics and gynecological problems taking into account the cultural and individual needs.

C- Professionalskills:

- By the end of the course the candidates should be able to;
- C.1- Collect clinical data specially the art of history taking in sensitive issues such as infertility and urogynecological problems.
- C.2- Examine women presenting with signs of common and rare obstetrics and gynecological disorders efficiently
- C.3- Offer proper medical treatment for obstetrics and gynecological problems.
- C.4- Perform office clinical procedures related to female infertility such as: US, IUCD insertion and removal, and office hysteroscopy.
- C.5- Perform basic surgical skills and manage common surgical complications related to the external and internal female reproductive organs.
- C.6- Perform gynecological and obstetrics surgeries whenever indicated such as polypectomy, myomectomy and Cesarean section
- C.7- Manage all obstetrics and gynecological emergencies properly.
- C.8- Practice the basic surgical procedures in Obstetrics and Gynecology

D- General skills:

- By the end of the course the candidates should be able to;
- D.1- Communicate with the patients to gain their confidence.
- D.2- Respond effectively to a patient's emotional and psychosocial concerns
- D.3- Communicate with other health care providers.
- D.4- Appreciate team working.
- D.5- Achieve Computer skills necessary to make use of medical data bases and use the internet for communication.
- D.6- Show administrative skills that enable him to fulfill the paper work needed
- D.7- Show leadership skills that

	<p>enable him to organize work and lead the juniors and paramedical staff.</p> <ul style="list-style-type: none"> • D.8- Recognize different scientific methodologies and have critical reading abilities. • D.9- Write scientific articles according to the basics of scientific research.
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4- Course content:	<p>First part: Applied anatomy and embryology, Physiology, Applied pathology, Microbiology, Public health, General surgery, Internal medicine.</p> <p>Second part: Anatomy of the female genital system, physiology of reproduction, normal pregnancy, abnormal pregnancy and medical diseases associated, normal labour, abnormal labour, fetology, physiology of menstruation and menstrual disturbance, genital prolapse and fistula, genital infection, genital tumors, contraception, family planning, assisted reproductive technology.</p>
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5- Methods of teaching:	Lectures, seminars, bed side teaching, case presentation, journal clubs, conference participation observation and hands on practice.
6- Methods of teaching of handicaps:	No

7- Students evaluation and assessment:

A- Methods of assessment :	Written exam. Oral exam. Clinical/ practical.				
B- Time of assessment :	April and November every year.				
C- Allocated marks/ distribution :	Course	Written	Oral	Clinical / practical	Total
	First part				600
	Anatomy	45	45		90
	Physiology	30	30		60

	Pathology	45	45		90
	Microbiology and immunology and community medicine	30 marks for microbiology and immunology and 30 marks for community medicine	30 marks for microbiology and immunology and 30 marks for community medicine		120
	Internal medicine	60	30	30	120
	General surgery	60	30	30	120
	Second part				140
	Obstetrics	300	150	150	600
	Gynecology	300	150	150	600
	Family planning	100	100		200

8- Teaching books, notebook and references:

Books/ notebooks: References:	<ul style="list-style-type: none"> - WILLIAM'S Obstetrics - NOVAK TEXT BOOK OF GYNECOLOGY. - NATHAN CASE GYNECOLOGY & REPRODUCTIVE ENDOCRINOLOGY - TELLAND' S OPERATIVE GYNECOLOGY. - PROGRESS IN OBSTETRICS AND GYNECLOGY {Published In The Last Five Years}.
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Coordinator of the course:

**Prof. Dr. YahiaWafa {Head of Obstetrics and Gynecology
Department, Faculty of Medicine, Al-Azhar University}**

Signature:

Date: