



COURSE SPECIFICATION

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course.	Postgraduate degree MSc of Obstetrics and Gynecology/ GYN500
(2) Department offering the programme.	Obstetrics and Gynecology
(3) Department responsible for teaching the course.	Microbiology and immunology department
(4) Part of the programme.	First part
(5) Date of approval by the Department's council	27/7/2016
(6) Date of last approval of programme specification by Faculty council	2016
(7) Course title.	Medical microbiology and immunology
(8) Course code.	GYN 507
(9) Total teaching hours.	11.25 hours
(10) Credit hours	3/4 hours

(B) Professional information

(1) Course Aims:

To provide the candidates with the basic knowledge about the basic a genetic and microbiology related to obstetric and gynecology

(2) Intended Learning Outcomes (ILOs):

A- Knowledge and Understanding

To describe :

- A1.** Chemotherapy & Chemoprophylaxis
- A2.** Immune response : AMI & CMI
- A3.** Diagnostic procedures in a clinical microbiology
- A4.** Protective immunity to microbial diseases
- A5.** Tumour immunology
- A6.** Immunological tolerance , autoimmunity and autoimmune diseases
- A7.** Transplantation immunology
- A8.** Hypersensitivity
- A9.** Immunodeficiency disorders
- A10.** Sterilization , disinfection & antisepsis
- A11.** Tuberculosis
- A12.** Tetanus , Gas gangrene , Botulism
- A13.** Enterobacteriace : Enteric fever Shigellosis
- A14.** Vibrio cholera
- A15.** Spirochaetes : Treponema pallidum (Syphilis)
- A16.** Rickettsia
- A17.** Actinomyces
- A18.** Mycology
- A19.** General virology
- A20.** Nosocomial infection

B- Intellectual skills

- B1. Integrate basic microbiology and immunology with clinical care in Obstetrics & Gynecology
- B 2. Analyze and prioritize microbiology and immunology problems related to Obstetrics & Gynecology
- B 3. Interpret, analyze, and evaluate microbiology and immunology information objectively, recognizing its limitations in Obstetrics & Gynecology
- B 4. Use personal judgment for analytical and critical microbiology and immunology problem solving in Obstetrics & Gynecology
- B 5. Construct appropriate management strategies for microbiological and immunological problems in Obstetrics & Gynecology
- B 6. Retrieve relevant and current data from literature, using information technologies and library resources, in order to help solve a clinical problem based on evidence.

(3) Course content.

Subjects	Lectures 1h /w	Clinical	Total Teaching Hours
Chemotherapy & Chemoprophylaxis	3/4		11.25 hours
Immune response : AMI & CMI	3/4		
Diagnostic procedures in a clinical microbiology Protective immunity to microbial diseases	3/4		
Tumour immunology Immunological tolerance , autoimmunity and autoimmune diseases	3/4		
Transplantation immunology Hypersensitivity	3/4		
	3/4		

Immunodeficiency disorders Sterilization , disinfection & antisepsis	3/4		
Tuberculosis	3/4		
Tetanus , Gas gangrene , Botulism	3/4		
Enterobacteriace : Enteric fever Shigellosis Vibrio cholera	3/4		
Spirochaetes : Treponema pallidum (Syphilis)	3/4		
Rickettsia Actinomyces	3/4		
Mycology	3/4		
General virology	3/4		
Nosocomial infection	3/4		

(4) Teaching methods:

- **4.1: Lectures**

(5) Assessment methods:

Percentage of each Assessment to the total mark.

Written exam : 96 marks including

MCQ : 24 marks

Oral exam : 80 marks

Subjects	program ILOs																									
	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	B1	B2	B3	B4	B5	B6
Chemotherapy & Chemoprophylaxis Immune response : AMI & CMI	x	x																			x	x	x	x	x	x
Diagnostic procedures in a clinical microbiology Protective immunity to microbial diseases			x	x																	x	x	x	x	x	x
Tumour immunology Immunological tolerance, autoimmunity and autimmune diseases					x	x															x	x	x	x	x	x
Transplantation immunology Hypersensitivity							x	x													x	x	x	x	x	x
Immunodeficiency disorders									x												x	x	x	x	x	x
Sterilization , disinfection & antiseptis										x											x	x	x	x	x	x
Tuberculosis Tetanus , Gas gangrene , Botulism											x	x									x	x	x	x	x	x
Enterobacteriace : Enteric fever Shigellosis Vibrio cholera Spirochaetes : Treponema pallidum (Syphilis)													x	x	x						x	x	x	x	x	x
Rickettsia Actinomyces																x	x				x	x	x	x	x	x
Mycology General virology																		x	x		x	x	x	x	x	x
Nosocomial infection																				x	x	x	x	x	x	x

ILOs assessed by each method

Written exam : A1-A17, B1-B6

MCQ : A1- A17 , B1-B6

Oral : A1- A19, B1-B6,

Course coordinator:

Dr. Rafik Barakat

Dr. Sara Abdelaziz

Head of the department:

Prof. Nasser Allakany

Date : 7/2016

