



COURSE SPECIFICATION

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course.	Postgraduate degree MD of Obstetrics and Gynecology GYN 621 GU
(2) Department offering the course.	Obstetrics and Gynecology
(3) Department responsible for teaching the course.	Obstetrics and Gynecology
(4) Part of the programme.	Second part
(5) Date of approval by the Department's council	24/8/2016
(6) Date of last approval of programme specification by Faculty council	
(7) Course title.	Gyn urology
(8) Course code.	GYN 621 GU
(9) Total teaching hours.	30 hours
(10) Credit hours	2

(B) Professional information

(1) Course Aims:

The broad aims of the course are to understand and demonstrate the appropriate knowledge, skills and attitudes to perform assessment of women with urological problems by means of clinical history taking and physical examination. Also to manage problems effectively and to communicate well with women, relatives and colleagues in a variety of clinical situations and to demonstrate effective time management.

(2) Intended Learning Outcomes (ILOs):

On successful completion of the program, the candidate will be able to:

A- Knowledge and Understanding

- A.1-** To know and understand anatomy, physiology and pathophysiology of pelvic floor and urinary tract.
- A.2-** To list the epidemiology, etiology, clinical characteristic and prognosis of urinary incontinence, urogenital prolapse, urinary infection, lower urinary tract disorders and other conditions associated with urinary tract troubles.
- A.3-** To understand the scientific basis, indications and limitations of reliable investigations including; microbiological examination of urine, urodynamics, voiding cystourethrography, urethroscopy and imaging techniques namely IVP, MRI, CT and dye tests.
- A.4-** To realize the basic knowledge, indications and limitations as well as complications of treatment interventions including surgical, non-surgical and medicines.

B- Intellectual skills

- B.1-** Analyze symptoms/signs and correlate them to the basic knowledge he had acquired and reconstruct a differential diagnosis for urogynecological complaints.
- B.2-** Design an appropriate diagnostic plan for evaluation of all and rare complaints taking into consideration the nature of the clinical situation and the risks, benefits and costs to the patient.
- B.3-** Explain the proper investigation and show sympathy with patients.
- B.4-** Report and interpret with investigations results.
- B.5-** Counsel and plane initial management of some disorders e.g. overactive bladder symptoms and stress urinary incontinence.
- B.6-** Prepare and set up treatment plans “surgical and non-surgical” for common problems e.g. uterovaginal prolapse taking into consideration the cultural and individual needs.
- B.7-** Acquire the ability to compare different management planes and how to develop new and innovative solutions to different problems under direct supervision.
- B.8-** Acquire advanced experience in one of the basics fields related to urogynecology (chosen by the candidate).

(4) Curriculum structure and contents:

4.a- Duration of the programme (in years or months): 30 month

(3) Course content.

Subjects	Lectures
▪ Urinary and faecal incontinence:	
▪ Urodynamic Stress incontinence	1h
▪ Detrusor over activity	1h
▪ Voiding disorders and urinary retention	1h
▪ Urinary frequency and urgency	1h
▪ Lower urinary tract disorders:	
▪ Urethral disorders - Pain	1h
▪ Fistulae	1h
▪ Effects of radical pelvic surgery - Effects of irradiation	1h
▪ Urinary disorders associated with other conditions:	
▪ Pregnancy	1h
▪ Gynaecological pathology	1h
▪ Elderly patients	1h
▪ Neurological conditions	1h
▪ Urodynamic investigations	
▪ Voiding charts - Ambulatory monitoring	1h
▪ Urodynamic equipment – Uroflowmetry - Standard subtracted cystometry	1h
▪ Imaging	
▪ Upper urinary tract - Lower urinary tract - Pelvic floor	1h
▪ Non-surgical	
▪ Pads and garments	1h
▪ Bladder retraining	1h
▪ Pelvic floor exercises	1h

▪ Self-catheterisation	1h
▪ Long-term indwelling catheterisation	1h
▪ Community care	1h
▪ Drug	
▪ Anticholinergics - Anti-muscarinic - Alpha blockers - Antidepressants - Oestrogens	1h
▪ Surgical	
▪ Urethral dilatation – Urethrocystoscopy - Suprapubic catheterization	1h
▪ Peri-urethral injectables	1h
▪ Anterior repair	1h
▪ Vaginal hysterectomy	1h
▪ Vaginal repair of genital tract prolapse	1h
▪ Sling procedures - Colposuspension	1h
▪ Repair of recurrent prolapse	1h
▪ Fistula repair	1h
▪ Urinary diversion - Injectables	1h

Course Title/Code	Programme ILOs											
	A1	A2	A3	A4	B1	B2	B3	B4	B5	B6	B7	B8
▪ Urodynamic Stress incontinence	x		x		x			x	x			x
▪ Detrusor over activity	x		x		x			x	x			x
▪ Voiding disorders and urinary retention	x		x		x			x	x			x
▪ Urinary frequency and urgency	x		x		x			x	x			x
▪ Urethral disorders - Pain	x		x		x			x	x			x
▪ Fistulae	x				x			x	x			x
▪ Effects of radical pelvic surgery - Effects of irradiation	x				x			x	x			x
▪ Pregnancy	x				x			x	x			x
▪ Gynaecological pathology	x	x			x			x	x			x
▪ Elderly patients	x	x			x			x	x			x
▪ Neurological conditions	x				x			x	x			x
▪ Voiding charts - Ambulatory monitoring	x					x		x	x			
▪ Urodynamic equipment – Uroflowmetry - Standard subtracted cystometry	x					x		x	x			
▪ Upper urinary tract - Lower urinary tract - Pelvic floor	x					x		x	x			
▪ Pads and garments	x					x				x	x	
▪ Bladder retraining	x									x	x	
▪ Pelvic floor exercises	x									x	x	
▪ Self-catheterisation	x			x					x	x	x	
▪ Long-term indwelling catheterisation	x			x					x	x	x	
▪ Community care	x						x		x	x	x	
▪ Anticholinergics - Anti-muscarinic - Alpha blockers - Antidepressants - Oestrogens	x								x	x	x	
▪ Urethral dilatation – Urethrocystoscopy - Suprapubic catheterization	x			x					x	x	x	
▪ Peri-urethral injectables	x			x					x	x	x	

Course Title/Code	Programme ILOs											
	A1	A2	A3	A4	B1	B2	B3	B4	B5	B6	B7	B8
▪ Anterior repair	x			x					x	x	x	
▪ Vaginal hysterectomy	x			x					x	x	x	
▪ Vaginal repair of genital tract prolapse	x			x					x	x	x	
▪ Sling procedures - Colposuspension	x			x					x	x	x	
▪ Repair of recurrent prolapse	x			x					x	x	x	
▪ Fistula repair	x			x					x	x	x	
▪ Urinary diversion - Injectables	x			x					x	x	x	

(4) Teaching methods:

- **4.1: Lectures**
- **4.2: Seminars**
- **4.3: Outpatient clinics**
- **4.4: Inpatient discussions**
- **4.5: Operative theater**
- **4.6: Specialized clinics**

(5) Assessment methods:

Log book :

Written exam : 50 marks including 20% MCQ (40 written – 10 MCQ)

(6) References of the course:

- 6.1-** Gynecology by Staff Members (book of the Department)
- 6.2-** William's manual of Gynecology
- 6.3-** Te Lined's Operative Gynecology
- 6.4-** Progress in Obstetrics & Gynecology series
- 6.5-** Recent advances in Obstetrics & Gynecology series
- 6.6-** Year book of RCOG series

Course coordinator:

Dr. Rafik Barakat
Dr. Sara Abdel Aziz

Head of the department:

Prof. Nasser Allakany

Date : 8/2016