



## COURSE SPECIFICATION

### Faculty of Medicine- Mansoura University

#### (A) Administrative information

(1) Programme offering the course.	Postgraduate degree MSc of Obstetrics and Gynecology
(2) Department offering the course.	Obstetrics and Gynecology
(3) Department responsible for teaching the course.	Obstetrics and Gynecology
(4) Part of the programme.	<b>Second part</b>
(5) Date of approval by the Department's council	<b>27/7/2016</b>
(6) Date of last approval of programme specification by Faculty council	
(7) Course title.	<b>Female urinary incontinence</b>
(8) Course code.	<b>Gyn urology</b>
(9) Total teaching hours.	15 hours
(10) Credit hours	1

## **(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, videocystourethrography, urethrocystoscopy 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 and non-surgical.

## **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
<ul style="list-style-type: none"> <li>▪ Urinary and faecal incontinence:</li> </ul>	
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ Urodynamic Stress incontinence</li> </ul> </li> </ul>	1h
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ Detrusor over activity</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ Voiding disorders and urinary retention</li> </ul> </li> </ul>	1h
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ Urinary frequency and urgency</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li>▪ Lower urinary tract disorders:</li> </ul>	
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ Urethral disorders - Pain</li> </ul> </li> </ul>	1h
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ Fistulae</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ Effects of radical pelvic surgery - Effects of irradiation</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li>▪ Urinary disorders associated with other conditions:</li> </ul>	
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ Pregnancy</li> </ul> </li> </ul>	1h
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ Gynaecological pathology</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ Elderly patients</li> </ul> </li> </ul>	1h
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ Neurological conditions</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li>▪ Urodynamic investigations</li> </ul>	
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ Voiding charts - Ambulatory monitoring</li> </ul> </li> </ul>	1h
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ Urodynamic equipment – Uroflowmetry - Standard subtracted cystometry</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li>▪ Imaging</li> </ul>	
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ Upper urinary tract - Lower urinary tract - Pelvic floor</li> </ul> </li> </ul>	1h
<ul style="list-style-type: none"> <li>▪ Non-surgical</li> </ul>	
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ Pads and garments</li> </ul> </li> </ul>	1h

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

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	

Course Title/Code	Programme ILOs											
	A1	A2	A3	A4	B1	B2	B3	B4	B5	B6	B7	B8
▪ 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	
▪ 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**