



## Course SPECIFICATION

Faculty of Medicine- Mansoura University

Urology

Advanced Voiding dysfunction/female urology for MD

### (A) Administrative information

(1) Programme offering the course.	URL 623
(2) Department offering the programme.	Urology Department
(3) Department responsible for teaching the course.	Urology Department
(4) Director of the programme.	Prof. Dr. Bassem S Wadie
(5) Date of approval by the Department`s council	May, 2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title.	<b>Advanced urodynamic course</b>
(8) Course code.	<b>URL 623 AUD</b>
(9) Credit hours	<b>1 hour</b>

(10) Total teaching hours.

14 theoretical hours

## **(B) Professional information**

### **(1) Programme Aims.**

The general aim of the course is to provide postgraduate students with the knowledge, skills and some attitudes necessary to make an essential urologic framework of the urologist including awareness of the common urologic emergencies.

- 1- Enlist the etiology, diagnosis and treatment of urogenital fistulas
- 2- Enlist the causes of pediatric incontinence
- 3- Define the innervation of the urinary tract.
- 4- Practice urodynamic examination
- 5- Be oriented with different lines of treatment of voiding dysfunction.
- 6- Be aware of the treatment options of post-prostatectomy incontinence.

### **(2) Intended Learning Outcomes (ILOs).**

Intended learning outcomes (ILOs); Are four main categories: knowledge & understanding to be gained, intellectual qualities, professional/practical and transferable skills.

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

#### **A- Knowledge and Understanding**

<b>K1</b>	Describe normal anatomy of the lower urinary tract.
<b>K2</b>	Describe the pathophysiology of different types of incontinence
<b>K3</b>	Enlist the common causes of urogenital fistulas.
<b>K4</b>	Enlist the common diseases affecting female uro-genital tract.

#### **2- Intellectual activities (B)**

The Postgraduate Degree provides opportunities for candidates to achieve and demonstrate the following intellectual qualities:

<b>I1</b>	Describe different patterns of voiding dysfunction; including BOO due to BPH
<b>I2</b>	Differentiate between the various types of uro-genital fistula
<b>I3</b>	Differentiate between different components of mixed incontinence in women
<b>I4</b>	Differentiate between the various types nocturnal enuresis.
<b>I5</b>	Describe different types of surgery for female incontinence and be aware of the advantages / disadvantages of each technique.
<b>I6</b>	Integrate history taking with physical examination and imaging to make the diagnosis of different voiding dysfunction syndromes.

#### C- Professional/practical skills

The Postgraduate Degree provides opportunities for candidates to demonstrate the following professional/practical skills:

<b>P1</b>	Perform full history taking and physical examination of men and women with voiding dysfunction.
<b>P2</b>	Perform urodynamic examination and interpret its outcome.
<b>P3</b>	Assist in performing Midurethral slings and prolapse surgery
<b>P4</b>	Assist in performing urethral injection for incontinence
<b>P5</b>	Assist in performing bulbourethral sling for male incontinence

#### D- Communication & Transferable skills

The Postgraduate Degree provides the opportunity to demonstrate the following transferable skills:

<b>T1</b>	Manage cases of voiding dysfunction
<b>T2</b>	Counseling patients as regards their expectations of treatment
<b>T3</b>	Discuss probable adverse events anticipated after anti-incontinence surgery
<b>T4</b>	Conduct an effective lecture and presentation on the topic
<b>T7</b>	Conduct a good training for the young colleagues.

### (3) Course content:

<b>Topics</b>	<b>Credit hours</b>
<b>Advanced voiding dysfunction/female urology</b>	<b>1 Credit hour</b>

### 3.c- References:

#### 3.c.1: Text books:

- Wein A, Kavoussi LR, Novick AC, Partin AW, Peters CA (eds). Campbell-Walsh UROLOGY. 9th edit, Philadelphia, Pa: Saunders Elsevier, 2007.

#### 3.c.2: Websites:

- <http://www.campbellsurology.com/>

#### 3.c.3: Recommended books

- \* Adult and Pediatric Urology (3-Volume Set)  
Author: Gillenwater, JY, Howards SS, Grayhack JT, Mitchell MM (eds). Adult and pediatric urology. Lippincott Williams & Wilkins, 4th edit, 2002.

### Teaching methods:

- 4.1: Lecture
- 4.2: Practical class
- 4.3: Small group discussion

### (5) Assessment methods:

**5.1:Written Examination for assessment of knowledge ILOs**

**5.2: Oral examination for assessment of knowledge and intellectual ILOs.**

**5.3:MCQ exam for assessment on knowledge and intellectual skills**

**5.4 Clinical exam for assessment of knowledge and practical skills**

**5.5 Log book for activities for assessment of:** Practical skills which are acquired through attending various conferences, thesis discussions, seminars, workshops, scientific lectures as well as self learning.

**5.6: Seminars:** The candidate should prepare and present at least one seminar in the weekly Journal club in a topic related to the course and determined by the supervisors in front of the department staff (without marks).

**Assessment schedule:**

**Assessment 1:** written exam After 36 months from the start of the job.

**Assessment 2:** Oral exam After 36 months from the start of the job.

**Assessment 3 :** MCQ at the end of the semester (15<sup>th</sup> week)

**Assessment 4 :** Practical tests After 36 months from the start of the job.

**Assessment 5:** The candidate should prepare and present at least one seminar in a topic related to the course and determined by the supervisors in front of the department staff (without marks).

**Percentage of each Assessment to the total mark:**

**Written exam: 30 Marks including 20% MCQ**

**(6) Facilities and resources mandatory for course completion.**

**A. Lecture hall:** In the Auditorium of UNC and lecture hall of the outpatient clinic (Jehan Street). Each hall is equipped with white board, overhead projector, computer, LCD projector, laser pointers, remote slide advancer, DVD player and wireless phones. It is air conditioned.

**Library:**

The library is located on the ground floor of Urology and Nephrology Center, Mansoura  
University

**Head of the department:**

Name: .....

	ILOs																											
	K1	K2	K3	K4	K5	K6	I1	I2	I3	I4	I5	I6	I7	P1	P2	P3	P4	P5	P6	T1	T2	T3	T4	T5	T6	T7	T8	
etiology, diagnosis and treatment of urogenital fistulas			x					x	x					x	x								x				x	
the causes of pediatric incontinence	x	x					x			x				x	x													
the innervation of the urinary tract																			x								x	
urodynamic examination				x										x	x					x	x							
different lines of treatment of voiding dysfunction	x	x	x	x			x	x	x	x	x	x		x	x	x	x	x										
treatment options of post-prostatectomy incontinence	x															x	x	x		x	x	x	x	x	x	x	x	x