



## Course SPECIFICATION

Faculty of Medicine– Mansoura University

Urology

### (A) Administrative information

(1) Programme offering the course.	URL 523
(2) Department offering the programme.	Urology Department
(3) Department responsible for teaching the course.	Urology Department
(4) Part of the programme.	Prof. Dr. Ahmed Mosbah
(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.	Advanced uro-oncology
(8) Course code.	URL 523 AUO
(9) Credit hours	1 hour
(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, pathology, diagnosis and treatment of urologic tumours.
- 2- Describe emergencies related to urologic oncology and how to deal with it.
- 3- Define the steps of performing radical nephrectomy, radical cystectomy, radical prostatectomy, high inguinal orchiectomy and penectomy.
- 4- Practice urologic oncology in the outpatient clinic under supervision by the faculty members.
- 5- Study how to evaluate the urologic oncology patient.
- 6- Design a research proposal and how to implement and publish it.
- 7- Describe different modalities of treatment of urologic tumours other than surgery.

### **(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>	Biological behavior of all urologic tumours.
<b>K2</b>	How to differentiate between benign and malignant urologic tumours.
<b>K3</b>	Emergencies related to urologic tumours.
<b>K4</b>	The principles of chemotherapy in urologic tumours.
<b>K5</b>	The principles of radiotherapy for urologic tumours.
<b>K6</b>	The steps of evaluation of urologic oncology patients.

## 2- Intellectual activities (B)

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

<b>I1</b>	Plan diagnostic work-up for urologic tumours.
<b>I2</b>	Differentiate between different causes of emergencies related to urologic tumours.
<b>I3</b>	Plan steps of management of emergencies related to urologic tumours.
<b>I4</b>	Discuss the different tumours of kidney, ureter, bladder, prostate, testis and penis.
<b>I5</b>	Describe the role of chemotherapy in management of urologic tumours.
<b>I6</b>	Describe the role of radiotherapy in management of urologic tumours.
<b>I7</b>	Describe the role of hormonal or targeted therapy in management of urologic tumours.

## 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 urologic oncology patients.
<b>P2</b>	Perform cystoscopy and ureteroscopy for urethral, bladder and ureteric tumours at first supervised and then independently.
<b>P3</b>	Evaluate and criticized different therapeutic techniques of management of urologic tumours.
<b>P4</b>	Provide the first aid measures in emergencies related to urologic tumours.
<b>P5</b>	Practise radical nephrectomy, radical prostatectomy, radical cystectomy, high inguinal

	orchiectomy and penectomy.
<b>P6</b>	Prepare cases of morbidity and mortality rounds.

#### D- Communication & Transferable skills

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

<b>T1</b>	Manage live threatening situations and communicate with the patients, relatives and guardians in an effective way.
<b>T2</b>	Describe and practice delivering bad news to the patient.
<b>T3</b>	Direct and lead a group of junior staff.
<b>T4</b>	Perform a good medical report for morbidity and mortality.
<b>T5</b>	Describe and be a model for applying professional and research ethics.
<b>T6</b>	Conduct an effective lecture and presentation according to the known standards.
<b>T7</b>	Conduct a good training for the young colleagues.
<b>T8</b>	Analyze the soft skills that must be practiced by a certified urologist.

#### (3) Course content:

<b>Topics</b>	<b>Teaching hours Lectures</b>
<b>Biology of urologic tumours</b>	<b>2 hours</b>
<b>Epidemiology and pathology of urologic tumours</b>	<b>3 hours</b>
<b>Diagnosis and surgical management of different urologic tumour</b>	<b>3 hours</b>
<b>Role of chemotherapy, radiotherapy, hormonal, and targeted therapy in management of urologic tumours</b>	<b>3 hours</b>
<b>Emergencies (urologic and nonurologic) related to</b>	<b>3 hours</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:            40 Marks including 20% MCQ**

**(6) References of the course.**

6.1: Text books.

6.2: Websites.

6.3: Recommended books

**(7) 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	
the etiology, pathology, diagnosis and treatment of urologic tumours	x	X					x																					
emergencies related to urologic oncology and how to deal with it			x					x																				
Steps of performing radical nephrectomy, radical cystectomy, radical prostatectomy, high inguinal orchiectomy and penectomy.														x	x	x	x	x	x									



	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	
Urologic oncology practice in the outpatient clinic under supervision by the faculty members.	x	x	x	x	x	x								x	x	x												
evaluation the urologic oncology patient														x	x	x												
research proposal design and how to implement and publish it							x	x	x	x	x	x	x															
different modalities of treatment of urologic tumours other than surgery					x	x					x	x	x						x									