



## COURSE SPECIFICATION

### **(Medicine & Surgery related to oncology)**

Faculty of Medicine- Mansoura University

#### **(A) Administrative information**

(1) Programme offering the course.	Postgraduate Master degree of Clinical Oncology and Nuclear Medicine/ CONM517
(2) Department offering the programme.	Clinical oncology and nuclear medicine department
(3) Department responsible for teaching the course.	Surgical oncology department
(4) Part of the programme.	second part
(5) Date of approval by the Department's council	6/5/2020
(6) Date of last approval of programme specification by Faculty council	20/9/2020
(7) Course title.	<b>Medicine&amp; surgery related to oncology</b>
(8) Course code.	<b>CONM 517 MSO</b>
(9) Credit hours	<b>2 hours lectures 1 hour clinical</b>
(10) Total teaching hours.	<b>30hours lectures</b>



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	30 hours clinical
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## **(B) Professional information**

### **(1) Course Aims.**

The broad aims of the course are as follows:(either to be written in items or as a paragraph)

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| <ol style="list-style-type: none"><li>1- <b>Prepare the candidate to know surgical treatment of cancer as main line of treatment</b></li><li>2- Educate them the surgical problem related to tumors and their treatment.</li><li>3- Prepare the candidate to know how to diagnose and treat medical problems result from cancer and treatment of cancer.</li><li>4- Educate them the medical aspect of cancer different body organs .</li></ol> |
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### **(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 course, the candidate will be able to:

**A- Knowledge and Understanding**

**The trainee should**

**A1: Explain basics of surgery related to oncology(indication, contraindication, side effects).**

**A2: Describe surgical aspects of tumors of different parts of body (which type of surgery used) .**

**A3:identify deep vein thrombosis, and shock related to cancer**

**A4: Explain medical problems related to cancer and its management (jaundice, hypercalcemia,.....).**

**A5: Recognize prevention methods.**

**A6: discuss medical aspect of cancer of different organs .**

**2- Intellectual activities (I)**

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

**B- Intellectual skills**

**B1: Differentiate between masses in any parts.**

**B2:Distinguish benign of malignant tumors.**

**B3:illustrate DVT and shock and its 1<sup>st</sup> aid measures**

**B4: interpret medical disorders related to oncology.**

**B5: recognize prevention and medical aspects of tumors of different body organs.**

**C- Professional/practical skills**

**Training should give appropriate experience in the areas identified below:**

**C1: Apply differential diagnosis of masses of different body parts.**

**C2: Describe full characters of masses.**

**C3: differentiate different types of shock and apply 1<sup>st</sup> aid measures**

**C4:diagnose and apply 1<sup>st</sup> aid of DVT**

**C5:differentiate different types of jaundice.**

**C6:develop skills in using hormones in cancer.**

**C7:Differentiate between and manage medical problems interfere with cancer.**

**C8:be able to detect and prevent cancer early**



## D- Communication & Transferable skills

D1: Trainees must be able to.

Explain the procedure of diagnosis and treatment details honestly in language appropriate to patients and their families.

D2: Trainees must instruct family and patients with side effect and how to deal.

### (3) Course content (Basic of surgery). total. 30 hours

Subjects	Lectures
*Deep vein thrombosis(DVT)	1
* Shock	1
*Breast: -Benign breast diseases	1



-Cancer breast	2
*Thyroid	
-Thyrotoxicosis	1
-Cancer thyroid	2
*Head and neck	
-Tongue ulcer	1
-lip ulcer	1
-Jaw swelling	1
*Gastro-intestinal tumors	
-Oesophageal	1
-Liver tumors	0.5
-Pancreatic tumors	0.5
-Colorectal tumors	1
-Stomach tumors	1

**Course content (Medicine).**

Subjects	Lectures
-Hormone and cancer	2
-Prevention and early detection of cancer	1
-Paraneoplastic	1
-Gastric tumor	1
-colonic tumor	1
-hepatocellular carcinoma	1
-hepatic focal lesion	1



-Jaundice	1
-lung cancer	1
-hypercalcaemia	0.5
-pituitary dysfunction	1
-thyroid nodule	1
-goitre	0.5
	1
-lymphoma	1
-plasma cell disorders	

**Course content (Clinical sessions): total. 30 hours**

<b>Basic of surgery</b>	
Diagnosis and 1 <sup>st</sup> aid measures of DVT	1
Differentiate different types of shock	1
1st aid measures of shock	1
Differential diagnosis of breast lumb	2



Clinical staging of breast cancer	1
Examination of breast and axilla	1
Differential diagnosis of thyroid nodule	1
Assessment of thyrotoxic manifestation	1
Examination of neck	2
Diagnosis and differentiation of ulcers of H&N	1
Assessment of head and neck swelling	1
Performing abdominal examination	1
Differential diagnosis of abdominal swellings	1
<b>Medicine</b>	
Ability to detect cancer early	2
Diagnose paraneoplastic syndromes	1
Differential diagnosis of types of jaundice	1
Using hormonal treatment in cancer and manage side effects	2
Management of medical problems related to cancer	2
Detection and management of metabolic disorders related to cancer	2
Detection of hormonal disorders	1
Diagnose and differentiate haematologic disorders	2
Management of lymphoma	2

#### 4) Teaching methods.

**4.1, Lectures**

**4.2, Case presentation**

**4.3, Panel discussion**

**4.4, Interactive Teaching**



### (1) Assessment methods.

5.1. written exam for assessment of knowledge and intellectual skills.

5.2. OSCE clinical exam for assessment of knowledge, intellectual skills, and practical.

5.3. Structured oral exam for assessment of knowledge, intellectual skills

Assessment schedule.

Assessment 1: written exam held after 36 months of admission to job or 30 months of registration to the MS degree.

Assessment 2: Oral exam held after 36 months of admission to job or 30 months of registration to the MS degree.

Assessment 3: MCQ exam held at the end of 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> semester.

Percentage of each Assessment to the total mark.

Written exam: 110 marks,

MCQ: 30 marks.

Oral exam: 75 marks,

clinical exam: 75 marks,

### References of the course.

6.1. Text books.

- Williams, Norman S., P. Ronan O'Connell, and Andrew McCaskie, eds. *Bailey & Love's short practice of surgery*. CRC press, 2018.
- Jameson, J. Larry, et al., eds. *Harrison's principles of internal medicine*. New York: McGraw-hill education, 2018.





## (2) Facilities and resources mandatory for course completion.

Candidates and their learning are supported in a number of ways:

- Candidates logbook
- Programme Specification
- Extensive library and other learning resources
- Computer laboratories with a wide range of software
- Intranet with a wide range of learning support material
  - MSc/MD Dissertation Supervisor

**Programme Coordinator:**

**Prof Dr Somaya Eteba**

**Prof Dr: Rasha Abdellatif**

**Head of Department : Prof Dr Magda Allam**

**Date:**

**6/5/2020**

We certify that all information required to deliver this programme is contained in the above specification and will be implemented. All course specification for this programme are in place.

**Programme coordinators:**

Prof Dr Somaya Eteba  
Prof Dr Rasha Abdellatif

**Dean:**

Prof Dr Nesreen Salah Omar

**Executive director of the quality assurance unit:**

Prof Dr Nesreen Shalaby

**Signature & date:**

**Signature & date:**

**Signature & date:**