



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	7/6/2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title.	Medicine & surgery related to oncology
(8) Course code.	CONM 517 MSO
(9) Credit hours	2 hours lectures 1 hour clinical
(10) Total teaching hours.	30 hours lectures



	30 hours clinical
--	-------------------

(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)

- | |
|---|
| <ol style="list-style-type: none">1- Prepare the candidate to know surgical treatment of cancer as main line of treatment2- Educate them the surgical problem related to tumors and their treatment.3- Prepare the candidate to know how to diagnose and treat medical problems result from cancer and treatment of cancer.4- Educate them the medical aspect of cancer different body organs . |
|---|

(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 1st 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: Descripe full characters of masses.

C3: differentiate differents types of shock and apply 1st aid measures

C4:diagnose and apply 1st 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

Basic of surgery	
Diagnosis and 1 st 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
Medicine	
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

(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 2nd, 3rd, 4th 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:

Harrison : Internal medicine

Belly and Love: Surgery



(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

Course coordinator:

Prof.d. Soumaya Eiteba

Assistant prof. Rasha Abdel Latif

Head of the department:

Prof.d. Ibrahim Awad

Date:

P.S. This specification must be done for each course.