



COURSE SPECIFICATION

(Pathology of Tumors)

Faculty of Medicine–MansouraUniversity

(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.	Clinical oncology and nuclear medicine 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.	Pathology of Tumors
(8) Course code.	CONM 505 path.T



(9) Credit hours	3 hours
(10) Total teaching hours.	45 hours lectures

(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)

- 1- Educate the different pathologic types of different malignancies.
- 2- Teach the genetic basis of different types of cancers
- 3- Provide the candidate with pathology of cancer of different body partss

(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: know and understand:

A1: Explain different pathologic types of different malignancies.

A2: Discuss growth and spread of malignant tumors.

A3: Describe importance of pathologic parameters of tumors of different body parts.

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

B- Intellectual skills

B1: Differentiate between benign and malignant tumor..

B2: Distinguish the biology of tumor growth.

B3: Interpret pathology of tumors of different body parts

(3) Course content:

Subjects	Lectures	Clinical	Laboratory	Field	Total Teaching Hours
*General pathology:					
-Neoplasia	2				2
-Tumor growth	2				2
-Carcinogenesis	2				2
-Tumor markers	2				2
-Hormones & cancers	2				2



*Special pathology:				
-pathology of head and neck tumors.	2			2
- pathology of brain malignancies.	2			2
-pathology of lung and pleural ca	2			2
- pathology of gastero-intestinal malignancies	3			3
-pathology of female genital system tumors	3			3
- pathology of male genital system tumors	2			2
* pathology of urothelial system tumors	2			2
* pathology of breast cancer	2			2
*pathology Soft tissue sarcomas	2			2
*pathology of Bone sarcomas	2			2
*pathology of Skin cancer and melanomas.	3			3
*pathology of Cancer of the endocrine system (thyroid,	3			3



parathyroid, adrenals, pancreas, carcinoid).					
* pathology of Solid tumours of childhood.	3				3
*Leukemias, lymphomas and plasma cell neoplasms.	4				4

(4) Teaching methods.

4.1. lectures

(5) Assessment methods.

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

5.2. oral exam for assessment of Knowledge and intellectual skills.

5.3 MCQ continuous assessment for assessment of Knowledge and intellectual skills.

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: 120 marks,

MCQ (as a continuous assessment).30marks.

Oral exam: 150 marks, 40% of the 2nd part final exam.

(6) References of the course.

6.1: Text books:

● **Perez CA, Brady LW, Halperin EC, et al., editors.** *Principles and Practice of Radiation Oncology*. 5th ed. Philadelphia: Lippincott Williams & Wilkins; 2008.

● **Hansen EK and Roach M.:** *Handbook of Evidence-based Radiation Oncology*. 1st edition. New York: Springer Science+ Business Media, LLC; 2007.

● **Casciato DA,** editor. *Manual of clinical oncology*. 6th edition. Philadelphia: Lippincott Williams & Wilkins; 2009.

● **DeVita VT, Hellman S, Rosenberg SA,** editors. *Principles and Practice of Oncology*. 8th ed. Philadelphia: Lippincott; 2008.

(7) 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.