



COURSE SPECIFICATION

(Elective courses)

Pediatric oncology

Faculty of Medicine–Mansoura University

(A) Administrative information

(1) Programme offering the course.	Postgraduate MD degree of Clinical Oncology and Nuclear Medicine/ CONM600
(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.	Pediatric oncology
(8) Course code.	CONM617PO
(9) Credit hours	1.5 hours
(9) Total teaching hours.	22.5 hours

(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)

Each trainee in Pediatric Oncology who completes this course should be able to:

- 1- Provide the principles of pediatric oncology management and decision making for treatment policy.**
- 2- Teach them recent advances in management of different pediatric tumors.**
- 3- To give our candidate the ability to discuss in multidisciplinary meetings.**
- 4- To provide training in communication with the patients, their families and other medical colleagues.**

(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:

A 1 : Describe indications and goals of treatment with anticancer agents in primary and metastatic pediatric tumors.

A 2 : Identify oncologic emergencies , supportive care of pediatric cancer patients.

A 3: Describe the recent advances in radio-therapeutic and systemic treatment according to evidence based practice

B- Intellectual skills

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

B1 : Recognize Clinical knowledge, which is radiological, medical, surgical and pathological, relating to the pediatric tumors.

B2: Distinguish the indications, contraindications and potential complications of radiotherapy and systemic therapy in order to plan and prescribe appropriate treatment for pediatric malignancies

B3: Evaluate the management of complications of disease processes and of different treatment modalities.

(3) Course content.

Subjects	Lectures	Clinical	Laboratory	Field	Total Teaching Hours
*Pediatric oncology					
• Leukemia	3				3
• Neuroblastoma	2.5				2.5
• Wilm □s tumor	3				3
• Retinoblastoma	3				3
• Rhabdomyosarcoma	3				3
• Hebatoblastoma	3				3
• Histiocytosis	2				2
• Ewing □s /PENT	3				3

(4) Teaching methods.

(5)

4.1. lectures

(6) Assessment methods.

written exam for assessment of Knowledge and intellectual skills.

Oral exam for assessment of Knowledge ,intellectual and transferable skills

MCQ exam for assessment of Knowledge and intellectual skills.

Assessment schedule.

Assessment 1: written exam held after 6 semester of registration.

Assessment 2: Oral exam held after 6 semester of registration OSCE and Structured oral exams.

Assessment 3: MCQ at the end of each semester.

Percentage of each Assessment to the total mark.

Written exam: 48 marks.

Oral exam: 50 marks.

MCQ exam: 12 marks.

(7) 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.

(8) Facilities and resources mandatory for course completion.

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

□ Candidates logbook

- Program me 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:

Professor: Mohamed Elawady.

Assistant Professor: Ghada Ezzat Eladawei

Head of the department: Professor, Ibrahim Awad.