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	14/5/2016
(6) Date of last approval of programme specification by Faculty council	
(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	Clinica	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:

- **PerezCA, Brady LW,HalperinEC,etal.,**editors.*Principles and Practice of RadiationOncology*. 5th ed. Philadelphia:Lippincott Williams&Wilkinns; 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.