



COURSE SPECIFICATION

(Radiodiagnosis Course)

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course.	Postgraduate Doctorate degree of Medical Oncology
(2) Department offering the programme.	Internal Medicine Department
(3) Department responsible for teaching the course.	Radiology Department
(4) Part of the programme.	First part
(5) Date of approval by the Department's council	23/08/2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title.	Radiodiagnosis
(8) Course code.	MONC 629
(9) Total teaching hours.	15 hours/15 weeks

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows.

Provide candidate with basics and principles of radiological diagnosis for cancer for proper staging and evaluate response to therapy.

(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.

- A1. Identify the principles of diagnosis, and staging, and management (Interventional Radiology) of neoplastic disorders including solid tumors and hematological malignancies.
- A2. Define indications and applications of imaging techniques in patients with Oncologic disorders.

B-Intellectual skills.

- B1. Judge professional radiodiagnosis practice, through critical evaluation of the theories and concepts presented within the evidence base and critical reflection on own and others clinical practice.
- B2. Plan, implement and evaluate the value of Radiodiagnosis in research activities within given time scales.
- B3. Evaluate quality assurance methods and assess safety measures for diagnostic radiology

(3) Course content.

Subjects	Lectures	Clinical	Laboratory	Field	Total Teaching Hours
(1) Biological aspects of Radiodiagnosis	1h				1h
(2) Interventional radiology	1h				1h
(3) Physical aspects of Radiodiagnosis and value of plain films	1h				1h
(4) Basics & uses of ultrasonography	2.5h				2.5h
(5) Basics & uses of CT					
(6) Basics & uses of MRI					
(7) Basics & uses of PET					
(8) Basics & uses of angiography	1h				1h
(9) Basics & uses of mammography	1h				1h

(3) Teaching methods.

- Power Point presentation.
- Case discussion.

(4) Assessment methods.

5.1. Written exam for assessment of A1-2, B1-3

5.2. MCQ exam for assessment of A1-2, B1-3

Assessment schedule.

Final exam week/month: 15th week.

Percentage of each Assessment to the total mark.

Written exam: 80 marks 80% of total course exam.

MCQ exam 20 marks 20% of total course exam.

(5) References of the course.

Course notes

Essential books (text books): ,

– Hollan–Frei Cancer Medicine,

– DeVita Cancer Principles and Practice of Oncology

Recommended books

Periodicals, Web sites

Facilities and resources mandatory for course completion.

–Lectures Halls.

–Data show.

Course coordinator:

Prof. Sameh Shamaa

Prof. Tawfik Elkhodary

Dr. Ziad Emarah

Head of the department: Prof. Salah El–Gamal

Date of First Approval: 22/12/2010

Date of Last Approval: 23/08/2016