



COURSE SPECIFICATION

Radiology in anesthesia

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Program offering the course.	Postgraduate Master degree of Anesthesia and Surgical Intensive Care
(2) Final award / degree	MSc degree
(3) Department offering the program	Anesthesia and Surgical Intensive Care and pain management department
(4) Department responsible for teaching the course.	Anesthesia and Surgical Intensive Care and pain management department
(5) Part of the program	Second part
(6) Date of approval by the Department's council	20-4-2016
(7) Date of last approval of program	9-8-2016
(8) specification by Faculty council	
(9) Course title.	Radiology in anesthesia
(10) Course code.	ANET 528 RA
(11) Credit hours	One hour lecture
(12) Total teaching hours.	15 hour

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows:

- To provide the candidates with approach for reading radiology related to anesthesia.
- The course aim to prepare physicians to use radiological investigation as aid in diagnosis of different cases.

(2) Intended Learning Outcomes (ILOs):

On successful completion of the course, the candidate will be able to:

A- Knowledge and Understanding

A1	Recognizes assessment of the patients with primary and secondary survey
A2	Define different types of fracture skull.
A3	Explain chest x-Ray.
A4	Diagnose different types of chest trauma
A5	Explain different types of intracerebral hematomas
A6	Identify ultrasound principles
A7	Describe head and spine injuries
A8	Describe C.T brain

B- Intellectual skills

B1	Interpret radiological investigation to help in diagnosis of different diseases
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B2	Radiological evaluation for follow up of intensive care patient.
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(3) Course content:

Subjects	Lectures
Chest x- Ray	8
CT brain	8
Cervical x-Ray	8
Ultrasound principles	6
Total teaching hours	30

(4) Teaching methods:

4.1: Lecture

4.2: Small group discussion with case study and problem solving

(5) Assessment methods:

5.1: Written exam

5.2: MCQ exam

5.3: Structured oral exam

Percentage of each Assessment to the total mark:

Written exam: 32Marks

MCQ exam: 8 Marks

Structured oral exam: 10 Marks

Other assessment without marks: seminars as described above included in the log book.

(6) References of the course.

6.1. Radiology for Anaesthesia and Intensive Care Richard Hopkins, Carol Peden and Sanjay Gandhi

(7) Facilities and resources mandatory for course completion.

Lecture halls and data show.

Course coordinator: Dr. Maged Talaat Salama

Head of the department: Prof.Dr. Mona Abdelglil Hashish

Date: 04/04/2016