



COURSE SPECIFICATION

Radiology in anesthesia

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Program offering the course.	Postgraduate Doctorate degree of Anesthesia and Surgical Intensive Care
(2) Final award / degree	MD 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 628 RA
(11) Credit hours	2 hours lecture
(12) Total teaching hours.	30 lecture

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows:

- The course aim to prepare physicians as senior practitioners, educators, researchers, and administrators capable of practicing and construction of appropriate, optimal management strategies using radiological investigations.
- To provide the candidates with updated data and researches concerned with radiology related to anesthesia.

(2) Intended Learning Outcomes (ILOs):

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

A- Knowledge and Understanding

A1	Explain approach for reading chest x-Ray
A2	Define different types of fracture skull, fracture ribs.
A3	Identifies difficult intubation by cervical x-Ray.
A4	Diagnose potential life threatening chest trauma
A5	Explain different types of intracerebral space occupying lesions
A6	Identify focused assessment sonography of trauma (FAST)
A7	Describe head and spine injuries , discuss their prognosis and how to deal with them
A8	Describe C.T chest
A9	Describe C.T abdomen

B- Intellectual skills

B1	Diagnosis of severity of head trauma
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B2	Correlation between radiological and clinical finding of traumatic patient
B3	Radiological evaluation of intensive care patient.
B4	Radiological follow up of traumatic patient and proper time intervention

(3) Course content:

Subjects	Lectures
Chest x- Ray	5
CT brain	5
Cervical, thoracic and lumber x-Ray	5
CT CHEST	5
CT abdomen	5
FAST	5
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: 32 Marks

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