



COURSE SPECIFICATION

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course.	Pain treatment in oncology patients
(2) Department offering the programme.	Anesthesia & surgical intensive care
(3) Department responsible for teaching the course.	Anesthesia & surgical intensive care
(4) Part of the programme.	Second part MD Surgical Oncology
(5) External evaluator(s)	Prof. Dr. Gamal Emiera, National cancer institute, Cairo university
(6) Date of approval by the Department`s council	8 / 8 / 2016
(7) Date of last approval of programme specification by Faculty council	9/8/2016
(8) Course title.	Pain treatment in oncology patients
(9) Course code.	SONC 628
(10) Credit hours.	1 hour theoretical
(11) Total teaching hours.	15 hour theoretical

(B) Professional information

(1) Course Aims.

The broad aims of the course are as follows.

1- To prepare our candidates to acquire knowledge, competencies, skills and applications in different branches of Pain treatment in cancer patients.

2- To give our candidate the ability to integrate the Pain management data properly in service of Surgery.

Within the overall aim, the objectives of the Programme are as follows.

1. Teaching the basic medical science related to oncology as Pain management of cancer patients.
2. Teaching the main topics of Pain treatments with their implications on modifying postoperative care of cancer patients.

(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

A95-Recognize how to assess cancer pain.

A96-Discuss pharmacological management of cancer pain.

A97-List physical therapies used for cancer pain management and discuss its benefit.

A98-List invasive procedures used in cancer pain management and discuss its indications and technique.

A99-Classify pains related to cancer treatments and discuss how to control.

B- Intellectual skills

B26-Judge cancer pain and choose suitable method for its management.

(2) Course content:

Title	Teaching hours
▪ Cancer pain assessment	3 hours
▪ Pharmacological management of cancer pain	3 hours
▪ Physical therapies for cancer pain	3 hours
▪ Invasive procedures for cancer pain	3 hours
▪ Pain related to cancer treatments	3 hours

(3) Teaching methods:

Lectures

(4) Assessment methods:

Written and MCQ exam for assessment of knowledge and intellectual skills.

Percentage of each assessment to the total mark.

Written exam: 40 marks represent 80% of the total marks

MCQ exam: 10 marks represent 20% of the total marks

Other assessment without marks: logbook

(5) References of the course:

5.1: **Hand books:** Department pain treatment in oncology patients lecture notes.

5.2: Text books: Wall & Melzack's Textbook of Pain.

5.3: **Journals:** clinical journal of pain.

5.4: Websites.

5.5: Others.

(6) Facilities and resources mandatory for course completion:

Lecture halls

(7) Evaluation of Programme's intended learning outcomes (ILOs):

Evaluator	Tools*	Signature
Internal evaluator (s) Pro. Dr. Mona Hasheesh	Focus group discussion Meetings	
External Evaluator (s) Prof. Dr. Gamal Emiera, National cancer institute, Cairo university	Reviewing according to external evaluator checklist report.	

Senior student (s)	none	
Alumni	none	
Stakeholder (s)	none	
Others	none	

* TOOLS= QUESTIONNAIRE, INTERVIEW, WORKSHOP, COMMUNICATION, E_MAIL

We certify that all information required to deliver this programme is contained in the above specification and will be implemented. All course specification for this programme is in place.	
Head of the department. Prof. Dr. Nazem Shams Professor of Surgical Oncology, Mansoura University	Signature & date:
Dean. Prof. Dr. Elsaid Mohamed Abdelhady	Signature & date:
Executive director of the quality assurance unit. Prof. Dr. Seham Gad El-Hak	Signature & date: