



## COURSE SPECIFICATION

Faculty of Medicine- Mansoura University

### (A) Administrative information

(1) Programme offering the course.	ICU for 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.	ICU for 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 intensive care of cancer patients.
- 2- To give our candidate the ability to integrate the intensive care 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 ICU for cancer patients.
2. Teaching the main topics of care in intensive units 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**

- A88-Discuss acid base balance and management of different disturbances in cancer patients.
- A89-List causes of postoperative acute renal failure in cancer patients and describe how to manage.
- A90-Recognize common infections in cancer patients and discuss methods of infection control.
- A91-Identify different blood products in use and explain precautions during blood transfusion in cancer patients.
- A92-Recognize respiratory problems in cancer patients and discuss how to manage.
- A93-Express indications of parenteral nutrition in cancer patients, list its components and explain how to manage.
- A94-Discuss fluid therapy in cancer patients.

#### **B- Intellectual skills**

- B23-Distinguish different problems encountered by cancer patients requiring ICU admission.
- B24-Calculate fluid therapy and parenteral nutrition amounts given to cancer patients in ICU.
- B25-Manage cancer patients in ICU adequately.

(2) Course content:

Title	Teaching hours
▪ <b>Acid base balance</b>	<b>2 hours</b>
▪ <b>Postoperative acute renal failure</b>	<b>2 hours</b>
▪ <b>Infection control and management in cancer patients</b>	<b>2 hours</b>
▪ <b>Blood product transfusion</b>	<b>2 hours</b>
▪ <b>Respiratory care in cancer patients</b>	<b>3 hours</b>
▪ <b>Parenteral nutrition in cancer patient</b>	<b>2 hours</b>
▪ <b>Fluid therapy</b>	<b>2 hours</b>

**(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 ICU for oncology patients lecture notes.

5.2: Text books: Surgical critical care vivas.

5.3: Journals: critical care.

5.4: Websites: [www.medscape.com/criticalcare](http://www.medscape.com/criticalcare)

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) Prof. 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.	
<b>Head of the department.</b> <b>Prof. Dr. Nazem Shams</b> Professor of Surgical Oncology, Mansoura University	Signature & date:
<b>Dean.</b> <b>Prof. Dr. Elsaid Mohamed Abdelhady</b>	Signature & date:
<b>Executive director of the quality assurance unit.</b> <b>Prof. Dr. Seham Gad El-Hak</b>	Signature & date: