



## COURSE SPECIFICATION

Faculty of Medicine- Mansoura University

### (A) Administrative information

(1) Programme offering the course.	<b>General Surgery</b>
(2) Department offering the programme.	<b>General Surgery</b>
(3) Department responsible for teaching the course.	<b>General Surgery</b>
(4) Part of the programme.	<b>Second part MD Surgical Oncology</b>
(5) External evaluator(s)	<b>Prof. Dr. Gamal Emiera, National cancer institute, Cairo university</b>
(6) Date of approval by the Department`s council	<b>8 / 8 / 2016</b>
(7) Date of last approval of programme specification by Faculty council	<b>9/8/2016</b>
(8) Course title.	<b>General Surgery</b>
(9) Course code.	<b>SONC 620 GS</b>
(10) Credit hours.	<b>7 hour theoretical</b>
(11) Total teaching hours.	<b>105 hour theoretical</b>

## **(B) Professional information**

### **(1) Course Aims.**

The broad aims of the course are as follows: (either to be written in items or as a paragraph)

- 1- To prepare our candidates to acquire knowledge, competencies, skills and applications in different branches of General Surgery.
- 2- To give our candidate the ability to integrate the General surgery data properly in service of surgical oncology and the ability to integrate data obtained from clinical examination and investigations properly for ideal management for the surgical patient.
- 3- The purpose of the training program of the Master degree is to prepare the physician for the independent practice of clinical Surgery. This training must be based on supervised clinical work with increasing responsibility for outpatients and inpatients. It must have a foundation of organized instruction in the basic Surgery science.

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

1. Teaching the main topics of General surgical disorders with different environmental factors that play a role in many related diseases.
2. Training the candidates for proper methods of clinical examination and how to manage the acute and cold surgical patient properly.
3. Training the candidate how to search for the recent knowledge and how to apply this in his field.
4. Training the candidate how to do a research work with our aid as a preparatory step for him to do an independent thesis to create a new options for some surgical problems

## **(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**

- A53-Discuss hyperparathyroidism, how to diagnose and when to proceed for surgery.
- A54-Identify cases of acute limb ischemia and discuss its management.
- A55-Define deep vein thrombosis, list its causes and recognize measures for prevention and early treatment.
- A56-Classify hemangioma, identify investigations required and treatment.
- A57-Discuss thyroid disorders and their differential diagnosis.
- A58-Review sialadenitis and its management.
- A59-Describe hernias of different types and their management.
- A60-Identify maldescended testis, causes and management.
- A61-Express how to diagnose and how to manage testicular torsion.
- A62-Identify causes and management of surgical site infection.
- A63-Discuss in details (acute abdomen, intestinal obstruction and acute appendicitis).
- A64-Recognize diverticular disease of colon and inflammatory bowel disease and discuss their management.
- A65-Discuss diagnosis, complications and management of (achalasia of the cardia, peptic ulcer and gall stones).

### **B- Intellectual skills**

- B15. Relate the examination findings, investigational results and history taking to reach proper diagnosis of general surgical patients.
- B16. Employ gained knowledge in choice of suitable treatment option for different surgical patients.
- B17. Enlist the differential diagnosis of different surgical conditions.
- B18-Use the knowledge of general surgery in management of oncology patients with concomitant general surgical morbidity.

(3)Course content.

<b>Title</b>	<b>Teaching hours</b>
<b>Hyperparathyroidism</b>	<b>5 hours</b>
<b>Acute limb ischemia</b>	<b>5 hours</b>
<b>Deep venous thrombosis</b>	<b>5 hours</b>
<b>Hemangioma</b>	<b>5 hours</b>
<b>Benign thyroid disorders</b>	<b>10 hours</b>
<b>Sialoadenitis</b>	<b>5 hours</b>
<b>Hernia</b>	<b>6 hours</b>
<b>Maldescended testis</b>	<b>5 hours</b>
<b>Testicular torsion</b>	<b>5 hours</b>
<b>Surgical site infection</b>	<b>6 hours</b>
<b>Acute abdomen</b>	<b>10 hours</b>
<b>Intestinal obstruction</b>	<b>7 hours</b>
<b>Acute appendicitis</b>	<b>5 hours</b>
<b>Diverticular disease of colon</b>	<b>5 hours</b>
<b>Inflammatory bowel disease</b>	<b>5 hours</b>
<b>Achalasia of the cardia</b>	<b>5 hours</b>
<b>Peptic ulcer</b>	<b>6 hours</b>
<b>Gall stones</b>	<b>5 hours</b>

**(3) Teaching methods.**

4.1. lectures

**(3) Assessment methods.**

5.1. written exam for assessment of knowledge

5.2. MCQ exam for assessment of knowledge.

5.3. Objective structured clinical examination for assessment of knowledge

Percentage of each assessment to the total mark.

Written exam. 160 marks

MCQ exam. 40 marks

OSCE exam. 100 marks

Other assessment without marks. logbook

**(4) References of the course.**

6.1. Hand books: Department General surgery Book.

6.2. Text books: Schwartz principles and practice of surgery.

6.3. Journals: British journal of surgery.

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

**(5) Facilities and resources mandatory for course completion. Lecture halls**

**(6) Evaluation of Programme's intended learning outcomes (ILOs).**

Evaluator	Tools*	Signature
Internal evaluator (s) Prof. Dr. Nazem Shams Prof. Dr. Adel Denewer Prof. Dr. Sherif Zaki Kotb Prof. Dr. Ahmed Seteet Prof. Dr. Mohamed Hegazy	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: