



## COURSE SPECIFICATION

Faculty of Medicine– Mansoura University

### (A) Administrative information

(1) Program offering the course.	General surgery MS
(2) Department offering the program.	General surgery
(3) Department responsible for teaching the course.	General surgery
(4) Part of the program.	First Part Master degree General Surgery
(5) External evaluator(s)	Prof. Dr. Alaa Khalil Zagazig Faculty of Medicine
(6) Date of approval by the Department`s council	27/5/2013
(7) Date of last approval of program specification by Faculty council	9/8/2016
(8) Course title.	Bariatric surgery
(9) Course code.	SUR 520 BAS
(10) Total teaching hours.	15

## **(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 the candidates to acquire the required knowledge, skills and clinical applications of bariatric surgery that are relevant to the general surgical practice.

2- To enable the candidate to apply the principles of weight losing surgery in clinical practice

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

1. Teaching the basics of bariatric surgery.
2. Teach the candidate how to choose the optimal bariatric procedure for each patient,
3. Educate the candidate about the different indications for bariatric surgery and their side effects.

## **(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**

- A1. To recognize the basics of bariatric surgery including their mechanism and complications.
- A2. Recognize the essential ideas about dietary regimen in relation to bariatric surgery..
- A3. Explain the basic and updated guidelines on the indications for bariatric surgery among various patients.

### **2- Intellectual activities (I)**

The Postgraduate Degree provides opportunities for candidates to achieve and demonstrate the following intellectual qualities:

### **B- Intellectual skills**

- B1. Determine the proper clinical indications for restrictive and malabsorptive procedures.
- B2. Recognize the incidence of leak after sleeve gastrectomy and how to manage it.
- B3. Realize the possible complications of roux en Y gastric bypass and other procedures.
- B4. Recognize the nutritional management required after each procedure.

**(3) Course content:**

<b>Subjects</b>					
<p><u>1- Indications</u></p> <p><u>2- Classification of surgical procedures</u></p> <p><u>Predominantly malabsorptive procedures</u></p> <p><u>Biliopancreatic diversion</u></p> <p><u>Jejunioileal bypass</u></p> <p><u>Endoluminal sleeve</u></p> <p><u>Predominantly restrictive procedures</u></p> <p><u>Vertical banded gastroplasty</u></p> <p><u>Adjustable gastric band</u></p> <p><u>Sleeve gastrectomy</u></p> <p><u>Intragastric balloon (gastric balloon)</u></p> <p><u>Gastric Plication</u></p> <p><u>Mixed procedures</u></p> <p><u>Gastric bypass surgery</u></p> <p><u>Sleeve gastrectomy with duodenal switch</u></p> <p><u>Implantable gastric stimulation</u></p> <p><u>3- Eating after bariatric surgery</u></p> <p><u>Fluid recommendations</u></p> <p><u>4- Effectiveness of surgery</u></p> <p><u>Weight loss</u></p> <p><u>Reduced mortality and morbidity</u></p> <p><u>5- Adverse effects</u></p>	<b>15</b>				<b>15</b>

**(4) Teaching methods:**

**4.1. Lectures**

**(5) Assessment methods.**

5.1. written exam for assessment of knowledge and intellectual activities.

5.2. M.C.Q exam for assessment of understanding and intellectual activities.

**Assessment schedule:**

Final exam at the end of the first semester.

MCQ exam at the end of the first semester.

**Percentage of each assessment to the total mark:**

Written exam: 80 marks

M.C.Q: 20 marks.

**Other assessment without marks: logbook**

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

6.1. **Hand books:** Departmental book

6.2. **Text books:** ASMBS textbook of bariatric surgery.

6.3. **Journal:** Obesity surgery, SOARD, Journal of obesity.

6.1. **Websites:**

6.1. **Others**

**(7) Facilities and resources mandatory for course completion.**

Lecture halls

**(8) Evaluation of Program's intended learning outcomes (ILOs).**

Evaluator	Tools*	Signature
Internal evaluator (s) Prof.Dr. Mohamed Farid Prof.Dr.Mohamed Abdelwahab Prof.Dr. Moh. Daaa El-Zawahry	Focus group discussion Meetings	
External Evaluator (s) Prof.Dr. Alaa khalil	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 program is contained in the above specification and will be implemented. All course specification for this program are in place.	
<b>Program coordinator:</b> <b>Dr. Sameh Hany Emile</b> <b>Lecturer of General Surgery. Mansoura University</b>	Signature & date:
<b>Head of the department:</b> <b>Prof. Dr. Nazem Shams</b> <b>Professor of General and surgical oncology. Mansoura University</b>	Signature & date:
<b>Dean:</b> <b>Prof.Dr. El-Said Abdelhady</b>	Signature & date:
<b>Executive director of the quality assurance unit:</b> <b>Prof.Dr. Seham Gad El-Hak</b>	Signature & date: