



COURSE SPECIFICATION

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Program offering the course.	General surgery MD
(2) Department offering the program.	General surgery
(3) Department responsible for teaching the course.	General surgery
(4) Part of the program.	MD 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.	Advanced laparoscopic surgery
(9) Course code.	SUR 620 ALS
(10) Total teaching hours.	30

(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 provide the candidates with the required knowledge, skills and clinical applications of advanced laparoscopic surgery that are relevant to the general surgical practice.

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

1. Teaching the basics of laparoscopic surgery related to Clinical surgical practice.
2. Teach the candidate how to apply laparoscopic surgery concepts in the treatment of common surgical conditions.
3. Educate the candidate about the different indications for laparoscopic surgery in general surgery and the various techniques like SILS.

(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 laparoscopic surgery.
- A2. Recognize the essential concepts and steps for each laparoscopic procedure.
- A3. Explain the complications of laparoscopic surgery and how to deal with them.
- A4. Explain the laparoscopic anatomy of abdominal organs and the inguinal canal.

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 indications for laparoscopic surgery and their contraindications.
- B2. Recognize the techniques of air insufflation, trocar insertion, and dealing with laparoscopic instruments.
- B3. Realize the use of each laparoscopic instrument and when to use each one.
- B4. Explain the concept of energy devices and their indications and method of application.
- B5. Recognize the tips and tricks in performing various laparoscopic procedures particularly laparoscopic cholecystectomy and inguinal hernia repair.
- B6. Realize the recent advances in laparoscopic instruments and techniques and how to implement them

(3) Course content:

Subjects	Lectures	Clinical	Laborator	Field	Total Teaching Hours
<ul style="list-style-type: none">• Laparoscopic Gastrostomy and Feeding Jejunostomy placement• Laparoscopic Inguinal and Incisional Herniorrhaphy• Laparoscopic Bariatric Procedures• Laparoscopic Anti-reflux/esophageal Procedure• Laparoscopic Enterolysis• Laparoscopic Small and Large Bowel procedures• Laparoscopic Renal and Adrenal surgery• Laparoscopic Donor Nephrectomy• Laparoscopic Splenectomy	30	None	None	None	30

(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: 40 marks

M.C.Q: 10 marks.

Other assessment without marks: logbook

(6) References of the course.

6.1. **Hand books:** Departmental book

6.2. **Text books:** Text Book of Practical laparoscopic Surgery

6.3. **Journal:** Surgical endoscopy.

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. Diaa 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.

Program coordinator:

Dr. Sameh Hany Emile

Lecturer of General Surgery. Mansoura University

Signature & date:

Head of the department:

Prof. Dr. Nazem Shams

Professor of General and surgical oncology. Mansoura University

Signature & date:

Dean:

Prof.Dr. El-Said Abdelhady

Signature & date:

Executive director of the quality assurance unit:

Prof.Dr. Seham Gad El-Hak

Signature & date: