



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.	Microvascular surgery
(9) Course code.	SUR 520 MVS
(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 microvascular surgery that are relevant to the general surgical practice.
- 2- To enable the candidate to integrate the data of microvascular surgery properly in the daily practice of Surgery.

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

1. Teaching the basics of microvascular surgery related to Clinical surgical practice.
2. Teach the candidate how to apply microvascular surgery concepts in the common surgical practice.
3. Educate the candidate about the different indications for microvascular surgery in general surgery and when to use them.

(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 microvascular surgery including flaps and tissue transfer.
- A2. Recognize the essential ideas about replantation of severed digits and limbs.
- A3. Explain the basic and updated guidelines on using microvascular surgery in transplantation.

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 using microscopic surgery in replantation of severed limbs.
- B2. Recognize the techniques relevant to microvascular surgery of the hand and the head and neck.
- B3. Realize the possible complications of microvascular flap surgery and their management.

(3) Course content:

Subjects	Lectures	Clinical	Laborator	Field	Total Teaching Hours
• Free tissue transfer • Replantation • Transplantation	15	None	None	None	15

(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.** Principles of trauma management.

6.3. **Journal.** Trauma (Sage, UK)

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. Diao 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: