



COURSE SPECIFICATION

MSC family medicine- Surgery

Faculty of Medicine- Mansoura University

(A) Administrative information

<input type="checkbox"/> Program offering the program	MSC family medicine
<input type="checkbox"/> Department offering the course	درجة بينية
<input type="checkbox"/> Department responsible for teaching the course	Surgery Department
<input type="checkbox"/> Part of the program	3 rd semester
<input type="checkbox"/> Date of approval by the Department`s council	24/7/2016
<input type="checkbox"/> Date of last approval of program specification by Faculty council	9/8/2016
<input type="checkbox"/> Course title	Surgery
<input type="checkbox"/> Course code	FAM 520
<input type="checkbox"/> Total teaching hours	3 credit = 45 hours 1 clinical = 30 hours

(B) Professional information:

(1) Course Aims:

The broad aims of the course are as follows:

1. To provide the trainee with the knowledge ,and skills which enable him/her to identify, asses ,manage and/or refer elective surgical problems in order to provide cost effective and humane patient care.
2. To give an update theoretical idea in general surgery and its specialties.
3. To enable the development and application of appropriate professional attitudes ,ethical principles and communication skills.

(2) Intended Learning Outcomes (ILOs):

Intended learning outcomes (ILOs); Are four main categories: knowledge & understanding to be gained, intellectual qualities, professional/practical and transferable skill

By the end of this course, the candidate will be able to

A- Knowledge and Understanding

A 1 describe the anatomy of surgically-important regions , organs ,and structures of the body.

A 2 recognize the geographical distribution of important surgical problems in our locality and explain the environmental factors determining such distribution.

A 3 design how to deal with urgent general and orthopedic cases safely & how to avoid its complications.

A 4 explain methods of screening and early detection of cancer.

A 5 List different options for management of most common surgical diseases, with special emphasis on emergencies and cancer.

A 6 discuss the principles and practice of preoperative preparation and postoperative care.

A 7 identify new lines of treatment (e.g. immunotherapy) and their method of application.

A8. Define the different prophylactic strategies to protect patients against these diseases.

A9. Recognize basics of ethics, medico legal aspects of health problems, malpractice and common medical errors.

B- Intellectual skills

B1 solve clinical surgical problem based cases.

B2 choose the suitable diagnostic techniques concerning the surgical problems encountered (microscopy , serology or molecular biology..... etc).

B3 interpret the clinical and laboratory findings to reach the proper diagnosis.

B4 evaluate the different available drugs and choose the best treatment for specific case.

B5 design guidelines for a control program for a particular surgical disease

C- Professional/practical skills

C1 Assess surgical problems, different options to deal with.

C2 Apply the principles of diagnosis, treatment and control of surgical diseases in different specialties.

C3 Apply the proper scientific measures of infection control among immunocompromized patients in different surgical departments and in the hospital in general.

D- Communication & Transferable skills

D1 conduct sincere and effective patient interviews, properly explain the condition and plan of management, obtain consent and convey bad news in a professional way.

D2 work in a multidisciplinary care team.

D3 communicate, consult and respect the role of other health care providers.

D4 communicate with health authorities through different meetings and conferences national and international.

(3) Content:

The course fulfills 3 credit hours of theoretical teaching + 1 credit hour of clinical teaching in internal medicine department through second , third and fourth semesters including the following topics:

TOPIC	THEORETICAL		CLINICAL
	lectures	seminars	
Thyroid	3	1	1
Neck swellings	2		1
Salivary glands	2		1
The jaw and mandibular joints	1		1
Varicocele	1		1/2
Epididymitis	1		1/2
Inguinoscrotal swellings	1	1	1
Urinary tract infection	1		
Urine retention	1		1
Renal stones	1		
Edema	1		1/2
Generalized lymphadenopathy	1		1/2
Peripheral ischemia and gangrene	1		1
Varicose veins	1		1/2
Dysphagia	1		
Acute abdomen	1	1	1
Hematemesis and melena	1		
Gall stones	1		1
Anal and rectal problems	1		1
Abdominal swellings	1		1
Breast	3	1	1
Axillary swellings	1		1
D.D of swelling	1		1
D.D of ulcers	1		1
D.D of sinuses and fistulas	1		1
Abscess	1		1/2
Infection control for surgical procedures	1		1
Diabetic foot	1		2
Trauma(abdomen ,chest ,head)	1		1
Cardiopulmonary resuscitation	1		2
Metabolic emergencies , (hypoglycemia ,ketoacidosis)	1		2
G.I.T(bleeding,F.B, poisons)	1		1

Respiratory(chest pain. Distress, obstruction)	1		1
First aid measures for fracture management	1		1
Total	45hrs		30hrs

(4) Teaching methods:

- 4.1: Lectures with power point presentations and discussions.
- 4.2: Interactive bedside teaching with clinical case presentations of difficult and interesting cases and group discussions
- 4.3: Problem solving case scenarios (commentary) .
- 4.4: Seminars and presentation of an essay by the postgraduate students.
- 4.5. Workshops and training courses for procedural skills.
- 4.6. Attendance of activities in the department including thesis discussion, conferences , clinical rounds, outpatient clinics , procedures ...with both senior staff and junior staff

(5) Assessment methods:

Assessment schedule:

I. Continous assessment after completion of each module :

An MCQ exam is done each semester at the end of each module and the sum of the 3 exams equal 20% of the written final exam.

II. Final exam :

Assessment 1: Written exam (short essay questions and case scenarios= 150 marks).

(For assessment of knowledge and intellectual skills)

Assessment 2: Clinical exam (an OSCE exam = 150 marks)

(for assessment of practical and communication skills)

Other assessment without marks:

Log book for assessment of the attendance and activities throughout the course.

(6) References of the course:

Lecture notes

Practice Guidelines For Family Physicians

Kumar and Clark : Clinical medicine (last edition)

Internet based resources (, websites e.g. Pubmed, MDconsult , emedicine , tripdatabase ...

(7) Facilities and resources mandatory for course completion:

Candidates and their learning are supported in a number of ways:

Presence of data show and computer facilities

Presence of skill lab

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 are in place.

Programme coordinator: Prof. Dr. Ibrahim Dawoud Prof. of General Surgery, Mansoura Faculty of medicine, Mansoura	Signature & date:
Head of Department Prof. Dr. Adel Denewar Prof. & Head of general Surgery Department & Surgical Oncology Unit	