



COURSE SPECIFICATION

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course.	MD General Surgery
(2) Department offering the programme.	General Surgery & Anatomy
(3) Department responsible for teaching the course.	Anatomy department
(4) Part of the programme.	First Part
(5) Date of approval by the Department's council	27/5/2013
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title.	Surgical Anatomy
(8) Course code.	SUR 620 SA SUR 601
(9) 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 our candidates with knowledge, competencies, skills and applications in different branches of Surgical Anatomy.
- 2- To Express the ability of the candidates to integrate the Surgical Anatomy data properly in service of Surgery.

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

1. Teaching the basic medical anatomical which for sure related to surgical practice.
2. Teaching the main topics of anatomical with different environmental factors that play a role in many related diseases.
3. Training the candidate what are the different congenital anatomical errors and how to deal with e.g different variation of anatomy of the liver and biliary system and how to deal with it during laparoscopic surgery.
4. Recognize the anatomical concepts of laparoscopic surgery.
5. Recognize the anatomical concepts of transplantation surgery e.g anatomical variations of bile ducts, hepatic veins and portal vein and train candidates on these variations

(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-Describe dissection of different organs, vessels, nerves, important structures and how to apply this on a clinical scientific background etc..

A2- Recognize different anatomical knowledge of main vessels of limbs and its relation and communications to reach for a critical point which is when we can scarify an injured blood vessel and when to anastomose it to preserve the vascularity of the limbs.

B- Intellectual skills

B1. Apply the basic anaomic concepts while practicing open and laparoscopic surgery with the aim to avoid inadvetrnet injuries during dissection and other operative steps.

(3) Course content:

Subjects	Lectures	Clinical	Laboratory	Field	Total Teaching Hou
A-HEAD & Neck - Brain sinues. - Facial, trigeminal , vagus nerves. - Brain ventricles. - Scalenus anterior muscle . - Thyroid gland , parotid , submandibular glands. - Tongue - Cervical lymph. - Cervical fascia .					5
B- Chest & Heart - Coronary arteries - Esophagus - Thoracic duct - Diaphragm					5
C- Abdomen - Liver, spleen, kidney - Stomach , duodenum-pancreas, lesser sac. - Biliary system - Mesentric vessels - Aorta, I.V.C - colon & rectum, and anal canal					10
D- Perineum - Ischiorectal fossa, levator ani - urethra					2
E- Upper limb - Axilla - Brachial, plexus - Radial , ulnar, and median Nerves					3
F- Lower Limb - Inguinal ligament , femoral , inguinal canal - Femoral vessels					5

- Popliteal fossa					
- anterior-posterior tibial vessels					
- Sciatic N and its terminations					

(4) Teaching methods.

4.1.lectures

(5) Assessment methods.

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

5.2. MCQ Exam. For assessment of knowledge and and intellectual activities

Assessment schedule.

Final exam. (Written 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 represent 80% of the total marks

MCQ Exam.: 20 marks represent 20% of the total marks

Other assessment without marks: logbook

(6) References of the course.

6.1. Hand books: Departmental Anatomical Book.

6.2. Text books....Surgical Anatomy – Skandalakis

6.3. Journals:.....

6.1. Websites:.....

6.1. Others:.....

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

Evaluator	Tools*	Signature
Internal evaluator (s) Prof. Dr. Adel Denewar	Focus group discussion Meetings	

Prof. Dr. Nabil Gadel-Hak		
External Evaluator (s) Prof.Dr. Alaa Khalil	Reviewing according to external evaluator checklist report.	

* 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 are in place.	
Programme coordinator: Name: Prof. Dr. Mosaad Morshed. Professor of General Surgery. Mansoura University	Signature & date:
Head of the department: Prof. Dr. Nazem Shams Professor of General Surgery & Surgical oncology. Mansoura University	
Dean: Name: Prof. Dr. Elsaid Abdel-Hady	Signature & date:
Executive director of the quality assurance unit. Name: Prof. Dr. Seham Gad El-Hak	Signature & date: