



COURSE SPECIFICATION
OF ANATOMY RELATED TO PLASTIC SURGERY
Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course.	Postgraduate Doctorate degree of plastic surgery/ PSUR600
(2) Department offering the programme.	Plastic and reconstructive surgery Department
(3) Department responsible for teaching the course.	Human Anatomy and Embryology Department
(4) Part of the programme.	First Part
(5) Date of last approval by the Department`s council	11/7/2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title.	Anatomy related to plastic surgery
(8) Course code.	PSUR 601 - PSUR 633 APS
(9) Total teaching hours.	30 hrs/ 15 weeks

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows: This course provides fellows with the ability to:

1- To provide the basic and applied knowledge about anatomy of different parts of the body.

(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

A 1- Recognize the basic principles of structure of the different parts of the body. Matches knowledge of anatomy to the patient in need for surgical repair of the injured part and those in need for reconstruction of the lost part.

B- Intellectual skills

B1 - Integrate the anatomy of the skin, musculoskeletal system, nerves and vessels of the human body with clinical examination and utilize major clinical applications of anatomical facts to reach proper diagnosis.

B2- Apply the surface landmarks of the joints , bones , muscles, tendons and nerves in clinical examination of these parts and during surgical repair or reconstructive procedures.

(3) Course content:

Subjects	Lectures 2hrs/week For 15 weeks	Clinical	Laboratory	Field	Total Teaching Hours (30 hrs/ 15 weeks)
▪ Anatomy of the facial skeleton and the scalp	2 hrs/wk for one week				2 hrs/ one week
▪ Anatomy of the face (forehead-nose)	2 hrs/wk for one week				2 hrs/ one week
▪ Anatomy of the face (eyelids)	2 hrs/wk for one week				2 hrs/ one week
▪ Anatomy of the face (lips-ear)	2 hrs/wk for one week				2 hrs/ one week
▪ Facial nerve anatomy and muscles of facial expression	2 hrs/wk for one week				2 hrs/ one week
▪ Facial fat compartments	2 hrs/wk for one week				2 hrs/ one week
▪ Muscles, vessels and nerves of the upper limb	2 hrs/wk for one week				2 hrs/ one week
▪ Flaps of the upper limb	2 hrs/wk for one week				2 hrs/ one week
▪ Brachial plexus	2 hrs/wk for one week				2 hrs/ one week
▪ Anatomy of the hand	2 hrs/wk for one week				2 hrs/ one week
▪ Anatomy of the breast	2 hrs/wk for one week				2 hrs/ one week
▪ Anatomy and flaps of the chest wall	2 hrs/wk for one week				2 hrs/ one week
▪ Muscles, vessels and nerves of the lower limb	2 hrs/wk for one week				2 hrs/ one week
▪ Flaps of the lower limb	2 hrs/wk for one week				2 hrs/ one week
▪ Anterior abdominal wall and external genitalia	2 hrs/wk for one week				2 hrs/ one week

(4) Teaching methods:

4.1. Lectures.

(5) Assessment methods:

5.1: Final written exam

Assessment schedule:

At the end of 6th month (first semester).....

Percentage of each Assessment to the total mark:

Written exam:100 %

80 marks written

20 marks MCQ

- Written exam is directed to measure knowledge and intellectual skills
- MCQ exam is directed to measure knowledge and intellectual skills

(6) References of the course:

6.1: Hand books:.....Lecture notes handed to student

6.2: Text books:..... Gray's anatomy.

6.3: Journals:Am J of anatomy.....

(7) Facilities and resources mandatory for course completion:

-Laptop and data show projector

-Laser pointer and white board

-Comfortable and well prepared classroom

Course coordinator: Dr. Mohammed Hassan Elfahar

Head of the department: Prof. Mohammed Radwan Elhadidy

Date:



**COURSE SPECIFICATION
OF PATHOLOGY RELATED TO PLASTIC SURGERY
Faculty of Medicine- Mansoura University**

(A) Administrative information

(1) Programme offering the course.	Postgraduate Doctorate degree of plastic surgery/ PSUR600
(2) Department offering the programme.	Plastic and reconstructive surgery Department
(3) Department responsible for teaching the course.	Pathology Department
(4) Part of the programme.	First Part
(5) Date of last approval by the Department`s council	11/7/2016
(6) Date of last approval of programme specification by Faculty council	
(7) Course title.	Pathology related to plastic surgery
(8) Course code.	PSUR 605 - PSUR 633 PPS
(9) Total teaching hours.	45 hrs/ 15 weeks

(B) Professional information

(1) Course Aims:

The broad aims of the course are as follows: This course provides fellows with the ability to:

- 1- To provide fellows with the basic and applied knowledge about pathological changes associated with different diseases related to plastic surgery.
- 2- To provide knowledge about pathological changes occurring with some surgical maneuvers.

(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

- A 2- Recognize the pathology of different diseases related to plastic surgery and pathological changes occurring with some surgical maneuvers.
- A 3- Analyze the pathophysiological changes occurring in burned patients.

B- Intellectual skills

- B3 - Integrate the pathological facts during clinical examination and interpret radiological studies and histopathological studies in order to reach a proper diagnosis and a proper plan for surgical interference.

Subjects	Lectures 3hrs/week For 15 weeks	Clinical	Laboratory	Field	Total Teaching Hours (45 hrs/ 15 weeks)
▪ Pathology of burn	3 hrs/wk for one week				3 hrs/ one week
▪ Wound healing	3 hrs/wk for one week				3 hrs/ one week
▪ Skin graft and cartilage graft	3 hrs/wk for one week				3 hrs/ one week
▪ Premalignant, malignant and pigmented skin lesions	3 hrs/wk for one week				3 hrs/ one week
Cutaneous vascular anomalies and LASER therapy	3 hrs/wk for one week				3 hrs/ one week
▪ Hand infections and hand tumors	3 hrs/wk for one week				3 hrs/ one week
▪ Dupuytren's disease and rheumatoid arthritis	3 hrs/wk for one week				3 hrs/ one week
▪ Tissue expansion–distraction osteogenesis–bone graft	3 hrs/wk for one week				3 hrs/ one week
▪ Craniofacial anomalies	3 hrs/wk for one week				3 hrs/ one week
▪ Collagen–Elastin–TEN syndrome	3 hrs/wk for one week				3 hrs/ one week
▪ Pressure sores–Necrotizing fasciitis–Diabetic foot	3 hrs/wk for one week				3 hrs/ one week
▪ Pathology of peripheral nerve injury ; nerve entrapment syndromes	3 hrs/wk for one week				3 hrs/ one week
▪ Jaw swelling and salivary gland Tumors	3 hrs/wk for one week				3 hrs/ one week
▪ Benign breast lesions and Gynecomastia	3 hrs/wk for one week				3 hrs/ one week
▪ Fat graft–Albinism–sun damage	3 hrs/wk for one week				3 hrs/ one week

(3) Teaching methods:

4.1. Lectures.

(4) Assessment methods:

5.1. Final written exam

Assessment schedule:

At the end of 6th month (first semester).....

Percentage of each Assessment to the total mark.

Written exam:100 %

80 marks written

20 marks MCQ

- Written exam is directed to measure knowledge and intellectual skills
- MCQ exam is directed to measure knowledge and intellectual skills

(5) References of the course:

6.1: Hand books.....Lecture notes handed to student

.....Washington manual of surgical pathology

6.2: Text books.....Robbin's basic pathology

.....Rosai and Ackerman's surgical pathology

(6) Facilities and resources mandatory for course completion.

-Laptop and data show projector

-Laser pointer and white board

-Comfortable and well prepared classroom

Course coordinator: Dr. Mohammed Hassan Elfahar

Head of the department: Prof. Mohammed Radwan Elhadidy

Date: