



Pathology 1st part SPECIFICATION
Faculty of Medicine- Mansoura University
Vascular surgery MD

(A) Administrative information

(1) Program. offering the course.	Vascular surgery
(2) Department offering the program.	Vascular surgery Department
(3) Head of the program.	Prof. Hesham Ali Sharaf El-Din
(4) Coordinator	Dr. Ahmed Magdy Hamouda
(5) External Supervisor	Prof. Mostafa Soliman Abd Albary
(6) Date of last approval of program specification by Faculty council	July, 2016
(7) Course code.	Pathology VSUR 605, VSUR 620SSP
(8) Credit hours	2 hours
(9) Total teaching hours.	30 theoretical hours

(B) Professional information

(1) Course aim:

The course aim is to provide the sufficient basic knowledge to the candidate about the different diseases of the arterial, venous and lymphatic system of the body and the ability to differentiate the diseases affecting different parts of the body. This knowledge will help them to be a capable vascular surgeon and to provide the attitude of a qualified academic vascular surgeons.

(2) Intended Learning Outcomes (ILOs).

a. Knowledge and understanding:

By the end of the program the candidate will be able to:

- a1-Explain the and pathological processes underlying common vascular diseases and conditions
- a2-Explain the different vascular conditions, diseases and interventions
- a3-Describe the basis of common congenital vascular diseases and conditions
- a4-Correlate common surgical vascular infections with the causative pathogens
- a5-Describe the presentations of common vascular diseases
- a6-Define the relevant investigations required to reach an accurate diagnosis

b. Intellectual capabilities:

By the end of the program the candidate will be able to:

- b1- Classify vascular diseases and conditions
- b2 – Differentiate vascular diseases and conditions from each other
- b3 - Select appropriate laboratory and radiological investigations for each vascular condition
- b4 - Interpret the results of laboratory and radiological investigations

2) Course content:

Topics	L
1. Atherosclerosis	1
2. Intimal hyperplasia	1
3. Thromboangitis obliterans TAO	1
4. Non atherosclerotic arterial occlusive diseases	3
5. Angiogenesis	1
6. Peripheral and visceral aneurysms	2
7. Pathophysiology of acute and chronic ischemia	5
8. Pathophysiology of Compartmental syndrome	1
9. Pathophysiology of Renovascular hypertension	2
10. Pathophysiology of Cerebrovascular diseases of extracranial origin	1
11. Pathophysiology of Vasculitis	1
12. Pathophysiology of Acute DVT	1
13. Pathophysiology of Pulmonary Embolism	1
14. Pathophysiology of CVI	1
15. Pathophysiology of Tumor of vascular systems	1
16. Pathophysiology of Vascular malformation	2
17. Pathophysiology of Thrombophilia	1
18. Bleeding and clotting disorders.	1
19. Lymphovascular system	2
Total	30

2. b- References:

3. b.1: Text books:

- Rutherford *Vascular Surgery*.
- Wesley Moore's textbook on vascular surgery.
- Jamieson and Ruckley*, Surgical management of vascular disease.

2. b.2: Websites:

- Journal of vascular surgery.
- European journal of vascular surgery
- International angiology
- Annals of Vascular surgery

2. b.3: Recommended books

- Vascular and Endovascular Surgery: A Comprehensive Review by Wesley Moore
- Comprehensive Vascular and Endovascular Surgery: by John W. Hallett Jr.

Teaching methods:

3.1: Lecture

3.2: Small group discussion

Assessment methods:

4.1: Written Examination for assessment of knowledge ILOs and intellectual

4.2: MCQ exam for assessment on knowledge and intellectual skills

Assessment schedule:

Assessment 1: written exam After 6 months from the start of the job.

Assessment 2 : MCQ at the end of the semester (15th week)

Percentage of each Assessment to the total mark:

Anatomy 1st Part MD assessment:

Written exam: 80 Marks + 20 MCQ

Facilities and resources mandatory for course completion.

A. Lecture hall: In the Auditorium of Surgery department and lecture hall of the outpatient clinic (Jehan Street). Each hall is equipped with white board, overhead projector, computer, LCD projector, laser pointers, remote slide advancer, DVD player and wireless phones. It is air conditioned.

Library:

The library is located on the 4th floor of Faculty of medicine, Mansoura University

Head of the department:

Name: Hesham Ali Sharaf El Din

