

M.D. Cardio-thoracic Surgery

Paper I

**Discuss the following:**

- 1- Aetiology and management of prosthetic valve dysfunction.  
(40 marks)
- 2- Palliative surgery in congenital heart diseases. (40 marks)
- 3- Principles of cerebral protection during operation on aortic arch.  
(20 marks)

**Good Luck**

.....

## **M.D. cardio- thoracic surgery**

### **Commentary**

A male patient aged 24 years old was submitted to car accident, after which the patient was referred to an emergency hospital. The patient was presented with severe dyspnea, tachycardia (130/minute); hypotension (85/50) and his temperature (37.6°C). Minor chest procedure was done based on clinical and radiological data.

After this procedure all previous sings were corrected with no blood transfusion.

Four days later the patient started chocking during drinking and experienced chest infection and fever. Further investigations were done after which the patient was operated upon through a thoracotomy.

### **Comment**

M.D. Cardio-thoracic Surgery

Paper IV

**I. Anatomy**

**Discuss the following:**

1- Surgical anatomy of femoral triangle. (25 marks)

2- Arterial supply of thoracic wall. (25 marks)

**II. Pathology:**

**Discuss the following:**

1- Surgical pathology of acute myocardial infarction and its complications. (25 marks)

2- Surgical pathology of pleural tumors. (25 marks)

**Good Luck**