

CVS- pathology

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Lecture 2

aneurysm&DVT

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CVS- pathology

﴿ قُلْتُ اسْتَغْفِرُوا رَبَّكُمْ إِنَّهُ كَانَ غَفَّارًا ﴾

– استغفر الله العظيم الذي لا إله إلا هو
الحى القيوم وأتوب إليه .

.What defect causes aneurysms in Marfan syndrome?

- a. Defective synthesis of fibrillin
- b. Other options were Collagen types

Answer : a

One of the following is incorrect about abdominal aortic aneurysm (AAA)?

Select one: FW

- a. It is most common location of an aneurysm caused by atherosclerosis.
- b. Risk for rupture is related to the size, 6 cm in diameter or less almost never burst
- c. Typically located between the renal arteries and the aortic bifurcation.
- d. Mortality rate in emergency surgery after rupture reaches 50%.
- e. Most AAAs are asymptomatic.

Answer : b

all correct regard aneurysm except:

Answer: TAA caused by atherosclerosis

All of the following contribute to the development of an aneurysm except :

- A) Loss of smooth muscle cells (SMCs) within the aortic wall.
- B) Increased synthesis of matrix metalloproteinases (MMPs) by macrophages in atherosclerotic plaques.
- C) Increased TGF- α expression leading to excessive connective tissue formation.
- D) Ischemia-induced aortic degenerative changes.

Answer: C

اللَّهُمَّ صَلِّ عَلَى سَيِّدِنَا مُحَمَّدٍ