



الزمن : ٣ ساعات

امتحان ماجستير القلب
الجزء الأول

Basic Cardiology

1. A 75 year old man who underwent left hip replacement 2 months ago is admitted to the emergency department with acute chest pain , dypnea and cyanosis ... his blood pressure is 80 over 50 mm HG ... his heart rate 120 b.p.m arterial oxygen saturation is 75 % while breathing room air . (25 Marks)
 - A. What is your differential diagnosis ?
 - B. Next diagnostic steps include.. ECG , lab work and different imaging modalities.....describe findings of each of them which could support your final diagnosis
2. Coronary angiography is considered now a mainstay in diagnosis and mangment of CAD ? (25 Marks)
 - Measurment unit of radiation exposure.
 - Enumerate hazards of radiation exposure .
 - Mention safety measures to be taken to decrease risk of radiation exposure .
3. Stress test in aortic and mitral valve diseases when and why ? (25 Marks)
4. (25 Marks)
 - A. What is the significance of left atrial saturation of 85 % ?
 - B. A pulmonary vascular resistance of 5 woods is .
 - a) Normal
 - b) High
 - c) Very high
 - A systemic resistance of 1800 dyn. Sec . cm power – 5 is .
 - a) Normal
 - b) Low
 - c) High