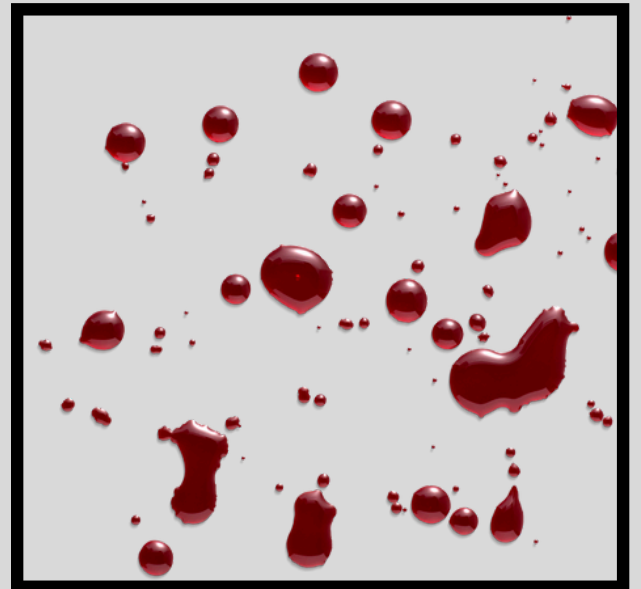


# Rouh

## CVS Endcoure Med

Done By:

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## **CVS Endcourse**

**-Second heart sound in which phase?**

**isometric relaxation**

**-First heart sound in which phase?**

**isometric contraction**

**-Ventricular filling occurs in?**

**a) maximum filling**

**b) reduced filling**

**c) atrial systole**

**d) in a,b, and c\***

**e) both a and b**

**-ejection fraction is?**

**SV and EDV**

**-in heterometric autoregulation?**

**End diastolic volume increase**

**Can cause cardiac ischemia except:**

**a) Anemia**

**b) Pneumonia**

**c) Hypertension**

**d) Shock**

**e) DVT**

**All of the following Incorrect except?**

- *Aspergillus* doesn't have septate
- *Aspergillus* make 90 angle
- *Aspergillus* thicker than *mucor*

**Posterior mediastinum extended from 5th vertebrae to which vertebrae?**

- T8
- T9
- T12
- between T10 & T11

**Woman patient came to hospital with pressure 160/72 and after some investigations doctors found aortic regurgitation , what of the following is true?**

- high systolic pressure, low diastolic pressure, high pulse pressure
- high systolic pressures , high diastolic pressure, low pulse pressure
- low systolic pressure, high diastolic pressure, low pulse pressure
- low systolic pressure, low diastolic pressure , high pulse pressure

**All of the following is INCORRECT about myxomatous mitral Valve except ?**

- **MYXOMATOUS MITRAL VALVE common feature of marfan syndrome**
- **histologically , thinening and proliferation of the spongiosa with pooling of glycosaminoglycan that expands to the fibrosa**
- **happens in aortic valve**

**Which vasculitis disease is related to c-ANCA ?**

- **Polyarthritis Nodosa**
- **wegner granulomatosis**
- **microscopic polyangitis**
- **Churg-Strauss syndrome**
- **Kawasaki disease**

**Infant was born with dyspnea and dysphagia ,what congenital anomaly cause this condition ?**

- **double aorta**
- **staying of 2nd arch**
- **patent ductus arteriosus**
- **tightened aorta**

**One of the carcinoma metastases to inferior vena cava as solid column?**

- **HCC**
- **RCC**
- **ovary carcinoma**
- **prostate carcinoma**
- **colon carcinoma**

**Patient with angina, take nitroglycerin when pain, he have alot of incidence of pain, The followed drug to use in long term prophylaxis**

**A. Diltiazemab \***

**B. Isosirbid dinaitrate**

**-True about dopamutine**

**B selective antagonist cause increasing cardiac contractility**

**Patient with retrosternum pain radiated to the left arm, and elevated cardiac bio marker what is your diagnosis**

**A. Angina pectoris**

**B. Myocardial infarction**

**All the following are associated with cardiac ischemia expect:**

**Hypertension**

**Anemia**

**Pneumonia**

**Shock**

**Dvt \*\***

**dopamine (>10ug/kg/min) in :**

**A. Cardiogenic shock**

**B. Neurogenic shock\***

**C. Hypovolumic shock**

**D. Septic shock**

**E. Anaphylactic shock**

**All the following are true about lipoprotein except**

- A. Chylomicron have the low density but still in origin because non mobile**
- B. VLDL slower than LDL and have lower lipid \***
- C. Albumen & FFA the first to move**

**Exercise increses which of the following?**

- \*A. Skin blood flow**
- B. Cerebral vascular resistance**
- C. Renal vascular...**

**Patient have hyperlipidemia, took medication and developed gout, what is the contraindicated drug?**

- A. Niacin \***
- B. Statin**
- C. Fibric acid derivative**

**A patient came to the emergency room with hyperglycemia and hyper triglyceridemia, what the cause**

- A. Decrease LPL activity \***
- B. Increased hepatic synthesis of lipid**

**Biochemical marker in ischemia**

- A. IMA & GPBB\***
- B. Copeptin & troponin**
- C. CKMB & troponin**

**What is wrong about intravenous antiarrhythmic drugs?**

- A. Ibutilide is used in early stages of atrial fibrillation only**
- B. Adenosine loses its effectiveness if it is preceded by caffeine intake**
- C. Magnesium sulfate is used as treatment for torsade de pointes**
- \*D. Amiodarone is administered in cases of AV block**
- E. Lidocaine is administered for patients with ventricular arrhythmia**

**All the following are true about interatrial septum except**

- A. - The anterior and posterior ends of the septum reach the atrioventricular septum before the central part.**
- B. Both ostium primum and ostium secundum are present during fetal life**
- C- foramen ovale close during childhood**
- D- septum secundum at right side of the septum Primum**
- E- foramen ovale close due to pressure from the right atrium**

**One of the following is true regarding sinus venosus**

- A- left vitelline vein degeneration \***
- B- common cardinal vein drains the blood from the body of the embryo to left atrium**
- C- umbilical vein takes blood from placenta to the body of the fetus in neonate**

**Ductus arteriosus developed from**

- A- 6th arch\***
- B- 1st arch**
- C- 4th arch**

**Neonate developed dyspnea and dysphasia, what is the defect**

**A- double arch of aorta\***

**B- contraction of aorta**

**C- prominent ducts arterioses**

**Right ventricle have the following except?**

**a) Two papillary muscles**

**b) The conus arteriosus (infundibulum) which leads into the pulmonary trunk**

**c) The septomarginal trabecula**

**d) The supraventricular crest**

**e) Form small part of the diaphragmatic surface**

**Thoracic aortic aneurysm, all true except:**

**-Trachea > wheez**

**-Esophagus > odynophagia**

**-Ribs erosion > pain**

**-Vertebra body > hemoptysis\***

**origin من عند ال posterior tibial artery قطعت ال**

**-Preoneal artery**

**False about radial artery m**

**-Radial artery larger than ulnar artery**

**في خيار انه مباشرة ع الراديس**

**Small saphenous veinm**

**-front the lateral malleolus**

**-have perforating veins connecting with great saphenous**

**-start from popliteal vein**

**-Accompanied with sural nerve**



**Myxomatous associated with :**

**Marfan syndrome**

**Which of the following act as aldosterone antagonist:**

**Spirolinolactone**

**One is true :**

**Saccular aneurysm associated with thrombosis**

**One is true about mucormycosis and aspergillus :**

**Mucor associated with infection in nasal septum and CNS involvement**

**Infect immunocompetent patient**

**The true about nicotine gum**

**Chewing slowly**

مش متأكدة من الجواب

**Last vertebra of Post. Mediastinum**

**T12**

**One of the following is true about descending aorta:**

**A) The superior and inferior hemiazygos veins (cross from left to right in front the aorta at T8 and T9 vertebrae respectively**

**B) Oesophagus left relation in upper part**

**C) The left principal bronchus anterior relation\***

**Why can't the liver utilize the ketone bodies it produces?**

**Because it lacks one of the enzymes of ketolytic pathway**

**An explanation for the no change in mechanical capacity of heart even with increased oxygen consumption during utilization of fatty acids?**

**Increased oxidative stress caused by oxidation of fatty acids**

**An important factor for regulating cholesterol synthesis is sterol regulatory element, which pair contains this factor?**

- a) SREBP and SCAP**
- b) SCAP and Insig**

**Early prosthetic valve >> s.epidermis**

**Aortic regurgitation ,B.P=150/75**

**Low diastolic high systolic high pulse pressure**

**Continuous capillaries one is true:**

**Narrow lumen**

**Blood thymus barrier is an example**

**Which of the following is true about the cardiac cell?**

- a) Has multiple large mitochondria\***
- b) Peripheral nuclei**
- c) High lipid content**
- d) Triad at A-I line**
- e) Diad at A line**

**rheumatic fever all true except:**

**Erythema marginatum one of the major criteria**

**Jones diagnostics criteria have 3 major\***