

Patho

Which of these incorrect:
Churg syn with ANCA -C

هي الخطأ

Bio

. Phosphorylation/dephosphorylation in PDH is regulated by kinase and phosphates, what is correct?

- A. Mg⁺⁺ and Ca⁺⁺ activate inhibiting enzyme
- B. low ATP/ADP and decrease acetyl co/coa inhibit inhibiting enzyme
- C. low NADH/NAD and decrease pyruvate concentration activate inhibiting enzyme
- D. Increased ATP/ADP and increased Co/acetyl coa inhibit activating enzyme

Answer : b

Embryo

Which part of the aortic arch is formed by the left horn of the aortic sac)?

- a) Proximal part
- b) Middle part
- c) Distal part
- d) Entire arch

Anatomy

Which of the following veins is found in the posterior mediastinum?

- a) Superior vena cava
- b) Azygos vein
- c) Inferior vena cava
- d) Pulmonary vein

One of the following is a common cause of widening of the mediastinum on chest X-ray:

- a) Pulmonary embolism
- b) Malignant lymphoma
- c) Pneumothorax
- d) Asthma

Which of the following congenital heart defects are associated with a right-to-left shunt? (5 Ts)

- a) Tetralogy of Fallot
- b) Transposition of the great arteries
- c) Truncus arteriosus
- d) Total anomalous pulmonary venous return
- e) Tricuspid atresia

← سوأه
كامل
للحفظ

كان به except

و الجواب كان

inter ventricular septum

Which of the following statements about fetal venous development is incorrect?

- a) Left horn of the sinus venosus forms oblique vein of the left atrium
- b) Right common cardinal vein forms superior vena cava
- c) Right umbilical vein degenerates
- d) Left umbilical vein forms ligamentum teres

Which of the following cardiac fibers conduct action potentials the fastest?

- a) Atrial muscle fibers
- b) Ventricular muscle fibers
- c) Purkinje fibers
- d) AV node fibers

Which of the following substances is known to cause vasoconstriction?

- a) Serotonin (5-HT)
- b) Histamine
- c) Bradykinin
- d) Nitric oxide

Incorrect:

Methyldopa act on alpha 1 agonist

Adverse effects of Quinidine

.Cinchonism

GREAT SAPHENOUS VEIN

-ascend in front of medial_malleolus.)

Axillary artery divided the pectoralis minor muscle into three parts

*Wrong about saphenous vein...The saphenous vein passes behind the medial malleolus

*Main arterial supply of head of femur...Trochanteric anastomosis

*Wrong about papillary... Attached to chordae tendinae

Wrong about abdominal aorta... Terminate at L5

Not tributary at right brachiocephalic vein... Superior intercostal

All of the following are major Jones criteria for the diagnosis of Rheumatic fever

EXCEPT:

- a) Carditis
- b) Arthritis
- c) Subcutaneous nodules
- d) Erythema marginatum
- e) Elevated ASO titer

Which of the following preceding infections is required for the development of Rheumatic fever?

- a) Streptococcal skin infection
- b) Streptococcal pharyngeal infection
- c) Any viral upper respiratory infection
- d) Any bacterial infection

✓ Answer: b) Streptococcal pharyngeal infection

Dilated cardiomyopathy Alcohol: Direct toxic effect on the myocardium.

Aortic valve A): 2nd intercostal space to right of sternal border

Nicotine gum in smoking cessation, how to use?

- A. the same like any gum
- B. faster than any gum
- C. chewed slowly not chewed like ordinary gum

Answer: C.

chewed slowly not chewed like ordinary gum

Which of the following related to novel risk factor

Abnormal blood coagulation (elevated bloodlevels of fibrinogen) ✓

All of the following are monounsaturated except:cheese ✓

Olives, olive oil, canola oil, peanut oil, cashews, almonds, peanuts and most other nuts
avocados

DVT the wrong:

- A Hotness
- Tenderness
- Redness.
- Swelling.
- cold extremities ✓

Dobutamine

Beta 1 agonist ✓

T-tubules false:

Locate atM-line where actin myofilament anchor within the cell

T-tubules Locate atZ-line where actin myofilament anchor within

the cell the correct ✓

Digitalis toxicity

Ventricular fibrillation ✓

Choose the correct of ___ According to Poiseuille's law for laminar flow in a tube, the flow rate is:

inverse to length

Inverse to viscosity

Inverse to fourth power of radius ✓

All of the following are features of atherosclerosis except:

- a) Intimal lipid deposition
- b) Fibrous cap formation
- c) Hyaline arteriosclerosis
- d) Calcification of plaques

Correct answer:

✓ c) Hyaline arteriosclerosis (هذا يخص arteriosclerosis اtherosclerosis) او السؤال كان اtherosclerosis

كله بصير في ال
arteriosclerosis ما
عدا

← calcifications اتوقع

All of the following are tributaries of the right brachiocephalic vein except:

- a) Right subclavian vein
- b) Right internal jugular vein
- c) Right inferior thyroid vein
- d) Right superior intercostal vein

Correct answer:

- d) Right superior intercostal vein

Inferior vena cava * Beginning: by the union of two common iliac veins in front 5 - It pierces the central tendon of the diaphragm opposite T8. * end: in the right atrium vertebra.

Which of these incorrect:

Churg syn with ANCA-C هاي الجواب

All of the following are true about acute infective endocarditis except:

- a) Usually affects previously normal heart valves
- b) Caused by highly virulent organisms such as Staphylococcus aureus
- c) Develops rapidly within days to weeks
- d) If untreated, it leads to death within months

The isoelectric period on the ECG that represents the interval between atrial depolarization and the onset of ventricular depolarization is called:

- a) PR interval
- b) PR segment
- c) ST segment
- d) QT interval

Answer: b) PR segment

Posterior mediastinum components

- Azygous vein

Which of the following continuation of subclavian? Axillary

+ Which muscle divided subclavian? Ant scalenus

Which of the following has a negative inotropic effect (\downarrow myocardial contractility)?

- a) Digitalis
- b) Dopamine
- c) Dobutamine
- d) Atropine
- e) Acidosis

Answer: e) Acidosis

5. Cholesterol synthesis and ketogenesis, have the partial similarities, what are the sets

of enzymes in the reaction in both?

- A. beta thiole HMG-COA reductase
- B. HMG synthase, beta thiolase
- C. HMG lyase and HMG synthase

Answer: A

what is the immediate next step in the treatment of thromboangiitis obliterans (Buerger disease) ? the answer is smoking cessation

Which of the following drugs is contraindicated in patients with Prinzmetal's (variant) angina?

- a) Nitrates
- b) Calcium channel blockers
- c) Beta blockers
- d) Nicorandil

Answer: c) Beta blockers 

A patient with angina presents with heart block on ECG. Which of the following drugs is contraindicated?

- a) Nitroglycerin
- b) Atenolol
- c) Verapamil
- d) Nicorandil

Answer: c) Verapamil 

systemic manifestations include: Flushing. Diarrhea. Dermatitis. Bronchoconstriction. With?

Carcinoid tumor

Which of the following Starling forces can force fluid into the capillary if positive and out of the capillary if negative?

Capillary hydrostatic pressure

Interstitial fluid pressure 

Plasma colloid osmotic pressure

Interstitial fluid colloid osmotic pressure

-Mediastinum widening

Malignant lymphoma

- left ascending coronary branch

Left atrium 🙌

Ant 1/3 of interventricular

Part of right ventricle

Left ventricle

-marfan with which anomalies

-right to left shunt in all exp

Common arterial

VSD 🙌

Transposition of great vessels

Fallout teratology

Tricuspid atresia

-which is matched incorrectly

SLE(full form) -> immune complex

cANCA -> churg 🙌

PANCA -> microscopic polyangitis

Anti epi antibodies -> Kawasaki

T cell mediated -> Temporal arteritis

Axillary Artery START: AT the lateral border of the 1st rib as a continuation of the subclavian.

Parts: The scalenus anterior muscle divides the artery into 3 parts;

Abdominal aorta * Beginning: continuation of the descending thoracic aorta at the aortic opening of the diaphragm, opposite the T12 vertebra. * Termination, at the level of L4; it divided into right and left common iliac arteries.

كان حاط L5 بدل L4

الي بتذكره رح اكتب افكاره مش الاسئله

Which part of conduction system has the fastest velocity of conduction ?

Where sound of aortic valve is auscultated ?

Which one doesn't cause right to left shunt ?

Which one cause vasoconstriction ?

What is mechanism of dobutamine?

Which is contraindicated in patient has heart block?

all of the following are major manifestations of rheumatic fever except?

What is site of diapedesis of leukocytes ?

what is major supply of head of femur?

Cinchonism is caused by which of medication?

Phosphens caused by which of medication?

Coronary blood flow decrease in which of the following?

Which one of the following is related to atrial systole?

What is Most important feature of progressive shock?

Which cause that leads to increase COP in endurance athletes?

Which is wrong about abdominal aorta?

Which is wrong about fate of horns and veins of sinus venosus ?

What is continuation of subclavian artery after outer border of first rib?

Internal jugular vein + subclavian vein , what form together ?

Which one of the following isn't tributaries of right brachiocephalic vein ?

- 1- purkinje fibers
- 2- 2nd intercostal space right to sternal border
- 3- مأوتها
- 4- serotonin
- 5- Selective Beta 1 agonist
- 6- verapamil مش متأكد منه
- 7- ناسي شو الخيار بالزبط بس كان واضح و على ما اظن كان AOT فيه و هو غريب كان مبين يعني
- 8- post capillary venule
- 9- Trochanteric anastomosis
- 10- Quinidine
- 11- Ivabredine
- 12-
- 13-....
- 14- Cerebral ischemia
- 15- ...
- 16- ...
- 17....
- 18- Axillary artery
- 19- Brachiocephalic vein
- 20- Right Superior intercostal vein
- 21-...
- 22- Coldness حاط hotness و كانت كل اعراض الالتهاب الاعتياديه موجوده و بدال coldness
- 23- anterior 1/3 of interventricular septum
- 24- Azygos vein
- 25- 3rd Hand smoking
- 26- Slowly chewing until sense the flavour then put it between Gum(or teeth) and Cheek مش متأكد منه
- 27-Cheese
- 28- increase coagulation (fibrin) هيك الصيغه كانت تقريبًا
- 29- pectoralis minor
- 30- Decreased venous return مش متأكد منه
- 31- ناسي الخيارات
- 32 - جواب كان Hyaline بس مش متأكد منه

29 scalenus ant

3 VSD

14 clotting

13 aortic valve closed

16 end at L5

17 الجواب فيه oblique v

21 Lt horn

23 valvular abnormalities هيك اشبي

25 azygos v

الأخير calcification مش موجودة بالسلايدات على الرغم من انها بتصير مع ال athero بس هي مش موجودة بالسلايدات + hayalin مرتبطة بال arterio لذلك في اختلاف عليه و يارب تنحسب علامته لانه حتى الي درس من مصدر خارجي زي و يعرف انه calcification بتصير مع ال athero جاوبها هي لعدم تواجدها بالسلايدات

16. Terminate at L5

17. Horn of left... Oblique vein of l.t atrium

21. Left Horn

Cerebral ischemia:- hge_ VABP, , cerebral ischemia depression of the vasomotor cardiac centers. كان في جواب ا

intravascular clotting ل
من الخريطه