ADMISSIONS EXAM-2023

#

1. A 54-year-old gentleman presents to infectious diseases clinic for follow up of his tuberculosis treatment. He is concerned because he has found it difficult to see objects in the distance, in addition to worries that he has become colour blind.

Which of his medications is most likely to be causing this defect?

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a. Ethambutol \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

b. Isoniazid

c. Pyrazinamide

d. Rifampicin

e. Streptomycin

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2. Which of the following conditions is a recognized cause of lower motor neuron lesion of the facial nerve?

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a. Multiple sclerosis

b. Pseudobulbar palsy

c. Guillain Barre syndrome \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Intracranial neoplasm

d.Sub-dural haematoma

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3. A 62-year-old man was brought to the emergency room with history of retrosternal chest pain and sweating of two hours duration.

The pain started at 3 am and awakened him from sleep. His ECG showed left bundle branch block.

What is the best course of action?

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a. Aspirin, statin and thrombolytic therapy

b. Aspirin, statin, heparin and refer for coronary angiography \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. CT-scan of the chest to rule out aortic dissection before giving thrombolysis

d. Aspirin, clopidogrel, statin, heparin and intravenous infusion of nitroglycerin

e. Aspirin, statin, clopidogrel, heparin and repeat ECG after 30 minutes

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4. Which of the following features suggests ventricular rather than supraventricular tachycardia? #

a. Ventricular rate >160 bpm

b. Termination of tachycardia with carotid sinus massage

c. Variable intensity of first heart sound \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Presence of heart failure

e. QRS duration < 0.14 second

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5. A 65-year-old man is reviewed in the Emergency Department. Twelve months ago, he had a prosthetic aortic valve replacement for progressive aortic stenosis. over the past two weeks he has been complaining of lethargy, fever and anorexia. Blood tests show a CRP of 215 mg/l.

Given the suspicion of infective endocarditis, trans-esophageal echocardiogram is performed which demonstrates a large vegetative lesion around the prosthetic aortic valve.

What is the most appropriate antibiotic treatment whilst awaiting blood cultures?

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a. IV amoxicillin

b. IV teicoplanin + vancomycin

c. IV flucloxacillin + low-dose gentamicin

d. IV vancomycin + rifampin + low-dose gentamicin \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

e. IV teicoplanin + rifampicin