

TB

MCQs

- which TB drug contraindicated in pregnancy?

Streptomycin

- case of RA and takes etanercept, what statement is correct?

There is risk of reactivation of TB

Etanercept, like other TNF-alpha inhibitors used to treat rheumatoid arthritis (RA), can increase the risk of reactivating latent tuberculosis (TB) infection. This is because TNF-alpha plays a role in controlling TB infection, and inhibiting it can lead to the reactivation of latent TB. Therefore, patients starting etanercept therapy should be screened for TB infection before treatment initiation.

- Tb treatment that causes Discoloration of urine ?

rifampin

isoniazid

pyrazinamide ethambutol

- The difference between latent TB and TB disease is that ?

a- People with latent TB infection are not infectious whereas people with TB disease are sometimes infectious

b- Only TB disease can be detected by a tuberculin skin test , latent TB can not

c- People with latent TB sometimes have acid fast bacilli smear positive

d- Latent TB is curable but TB disease is not

e- No need for treatment of latent TB infection as it is inactive disease

- As regards treatment of pulmonary TB, which statement is correct:

a) Corticosteroid are prescribed to all patient

b) An important factor is patient compliance with therapy

c) Drug treatment is maintained for 2 months in uncomplicated cases

d) Pyridoxine is given with isoniazid to limit liver dysfunction

e) Ethambutol is used routinely in children

- TB drug that cause problem in vision :

ethambutol

- MDR TB is resistant to :

both isoniazid plus rifampicin irrespective to other drugs

- Wrong about TB management ?

Answer: anti tb stopped after 4 weeks

Explanation: according to DOTS Strategy is recommended continued anti-TB drugs to 6 months

- Wrong regarding to TB ?

answer: microscope used to differentiate between resistance and sensitive bacteria for anti-TB

explanation: Cultures on L J media used as Sensitivity tests for anti-TB drugs

- Not a drug used for treatment of TB : **bismuth**

- Anti-TB drugs and side effect, correct answer is:

a. streptomycin and renal failure

b. Pyrazinamide and hepatitis

c. Optic neuritis and...

d. Vestibular neuritis and ethambutol

- In primary TB:

a. Patients remains infectious after 2 months of therapy

b. Bilateral hilar lymphadenopathy ??

c. Caseating lesions in lymph nodes always present ??

Answer: C (this is the definition of Gohn's complex???) ??

- A positive rheumatoid factor can be seen in all of the following conditions, except:

a. RA

b. TB

c. Hepatitis C

d. Malignancies

e. Combined immunodeficiency syndrome → Correct

- All of the followings are risk factors for pulmonary tuberculosis except :

a- Close contacts to TB patient

b- Immigration from an endemic area

c- Exposure to under treated cases

d- Young adults

e- Residence of high incidence location .

- Regarding pleural effusion caused by TB :
 - a-Fluid analysis Predominated by lymphocytes
 - b-Fluid positive for AFB stain in less than one third of patients .
 - c-Negative culture for AFB can't exclude the disease.
 - d-Pleural biopsy increases the yield for AFB culture.
 - e-Usually it is difficult to treat ,and need treatment for 9-12 months . ??

- A60-year-old man recently treated for renal tuberculosis, presents with weight loss, diarrhea, anorexia, and hypotension and is noted to have hyper pigmented buccal mucosa and hand creases. ONE of the following is discriminating investigations which is useful in diagnosis.
 - a- Stool for ova, cysts and parasites.
 - b- Full blood count.
 - c- thyroid function test
 - d- Plasma ACTC and Cortisol**
 - e- Blood cultures.

- which of the following disease coexists with - silicosis ?
 - a. sarcoidosis
 - b. tuberculosis**
 - c. lymphoma
 - d. rheumatoid arthritis

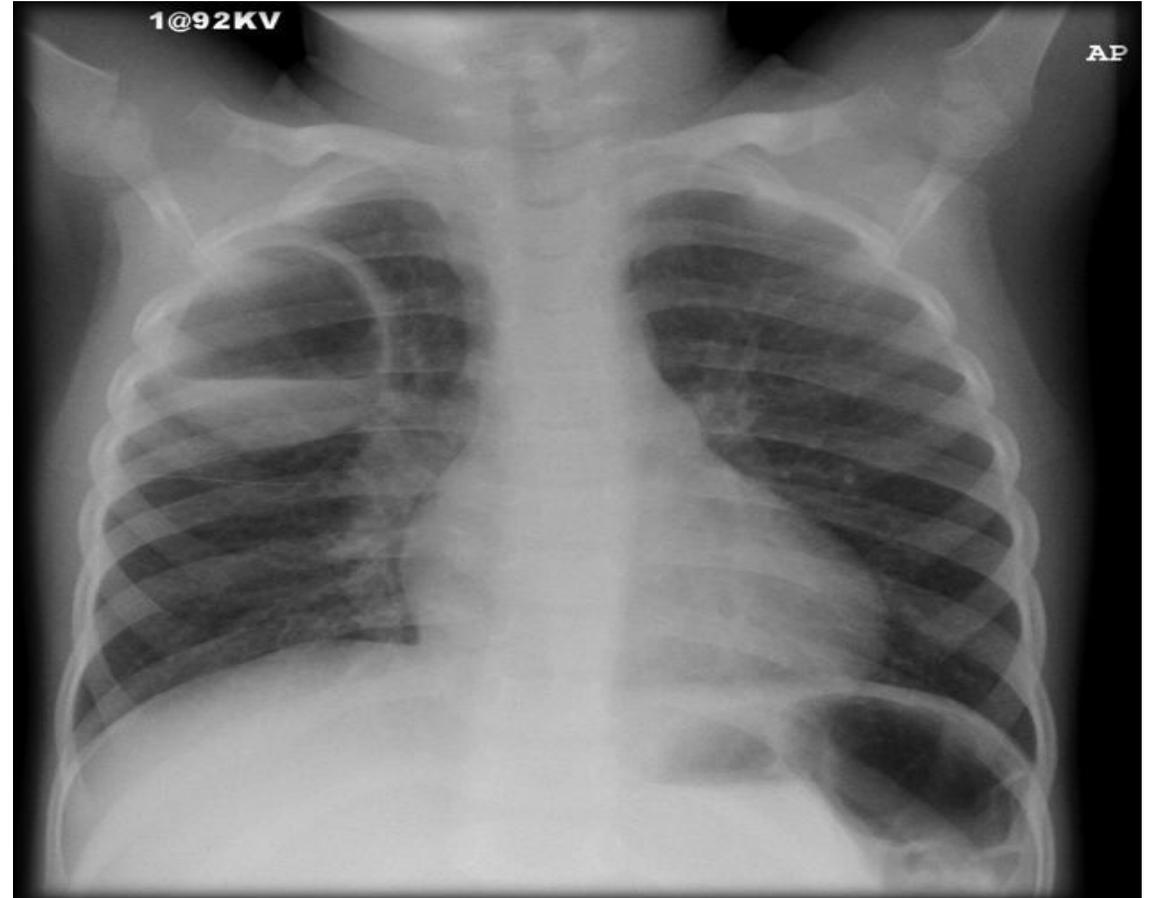
- ONE of the following statements is true about treatment of pulmonary tuberculosis.
 - a- pyrazinamide may precipitate hyperurecemic gout.**
 - b- INH can cause optic neuritis
 - c- renal impairment with rifampicine
 - d- streptomycin is causing reversible damage to vestibular nerve
 - e- hepatitis is usually caused by ethambutol

Mini-OSCE

Q20 : all of these **organisms** can cause the picture , Except ??

cavitary lesion

- Staph aureus
- **Mycoplasma**
- TB
- Anaerobic bacteria
- klebsiella

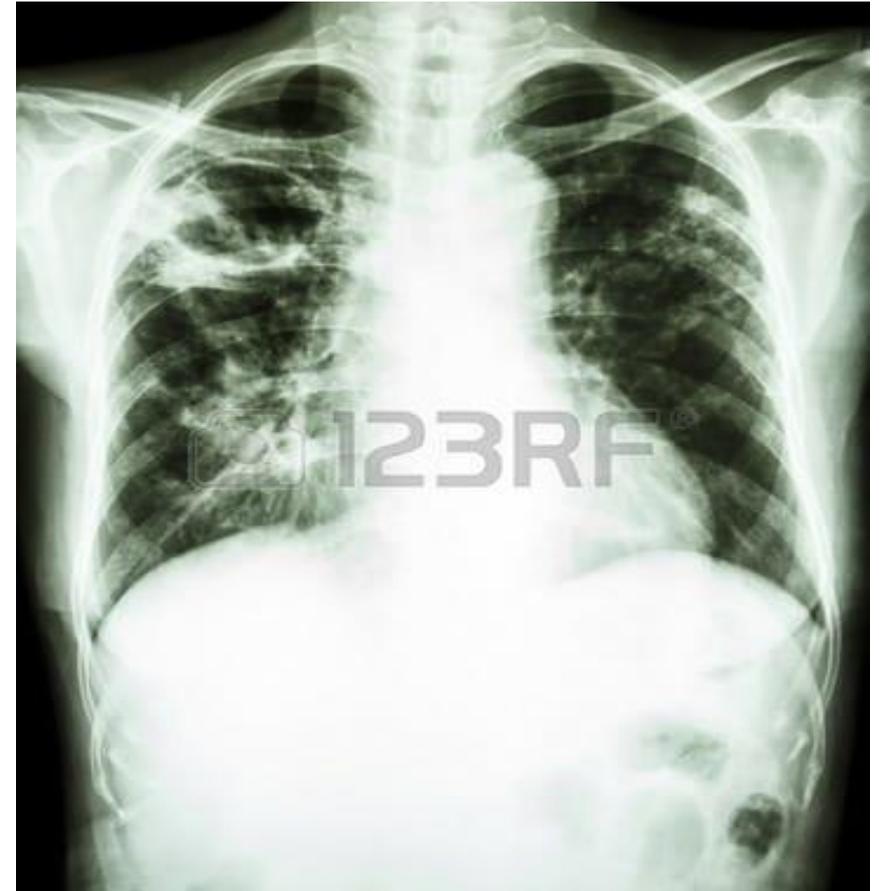


Station 5

Mention two DDx:

TB

Lung abcess



A 55 patient present with fever and chronic cough



Q1 \ mention 3 investigation you should order?

1- tuberculin skin test

2- sputum culture

3- ziehl-neelsen stain

Q2 \ what are the treatment and the duration?

1- isoniazid and rifampin for 6 month

2- ethambutol and pyrazinamide for 4 month

Q3 \ what is multidrug resistance TB?

The microorganism become resistant to isoniazid and rifampin so we go to other regimen

Station 13

Name this :

Erythema nodosum

3 causes of it :

Sarcoidosis

Tuberculosis

IBD

oral contraceptive pills

Infection

