

HISTORY

- 64 year old man, Canadian born (New Brunswick)
- Was working as a nurse
- 40 pack year smoking history (quit 15 years ago)
- Presenting symptoms:
 - One month history of
 - Abdominal distention
 - Abdominal pain
 - Constipation
 - O Normal appetite, no weight loss.
 - o No fever.
 - No respiratory symptoms.

HISTORY

- Comorbid illnesses:
 - Epilepsy (1976), on carbamazepine and lamotrigine
 - Chronic hyponatremia (SIADA secondary to carbamazepine)
 - Chronic anemia (colonoscopy→ no malignancy).
- No previous history of active tuberculosis or contact with patients known with active tuberculosis.

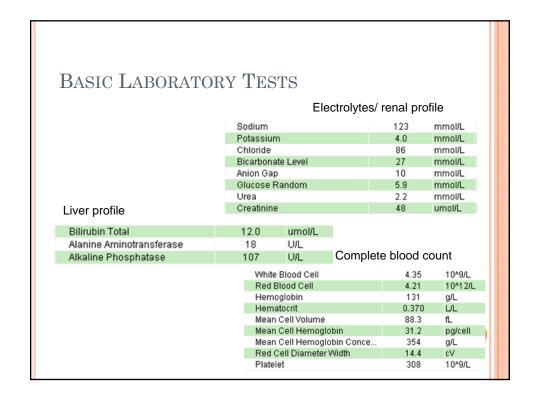
PHYSICAL EXAM

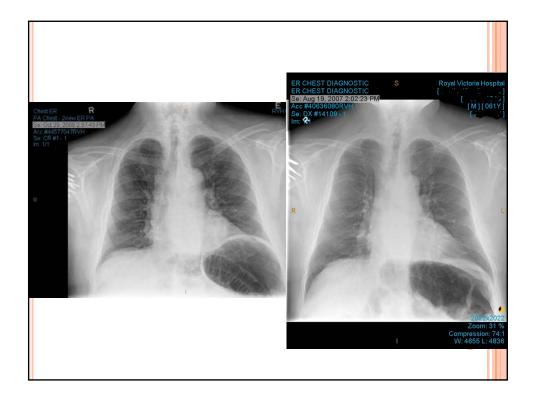
- Patient was comfortable, not ill looking and not distressed.
- o Vitals were normal, O2 sat 99% R/A.
- No cervical, axillary or inguinal L N enlargement.
- Chest exam was unremarkable except for occasional expiratory wheeze.
- Abdomen
 - Distended, ascites, no organomegaly.
- o No lower limb edema.

MISSED RELEVANT HISTORY



- Was working as a nurse in a homeless shelter.
- Previously diagnosed to have latent tuberculosis (positive TST, 8years ago) and was not treated.





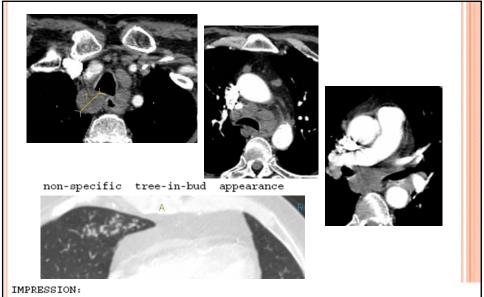


ASCETIC FLUID

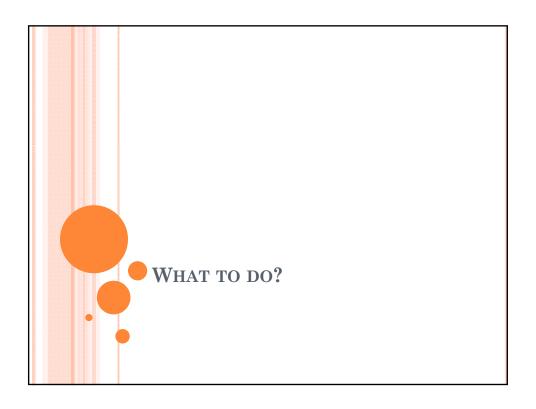
- Lymphocytosis
- -ve for malignancy
- -ve bacterial culture
- -ve for fungi
- -ve smear for TB, pending culture.

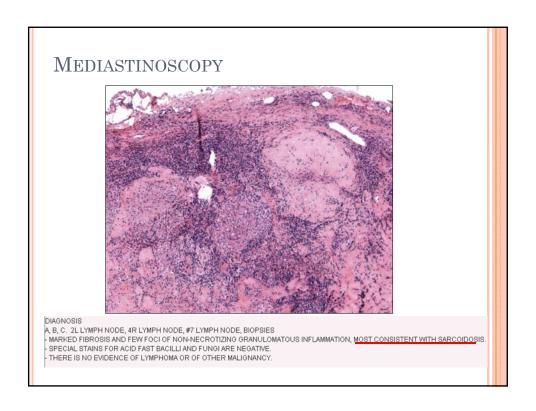
IMPRESSION:

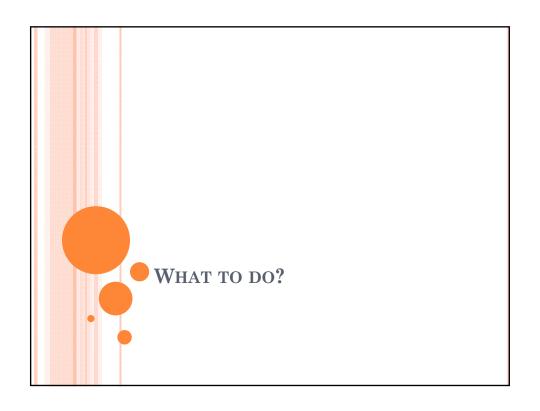
Findings are suggestive of a peritoneal carcinomatosis with ascites and partial obstruction. No site of focal decrease in caliber of bowel seen. The ascites can be tapped to confirm diagnosis. Patient has some abnormal lymph nodes, as described in the text in the base of the

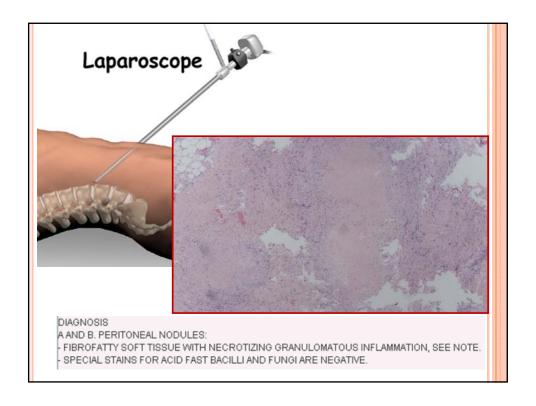


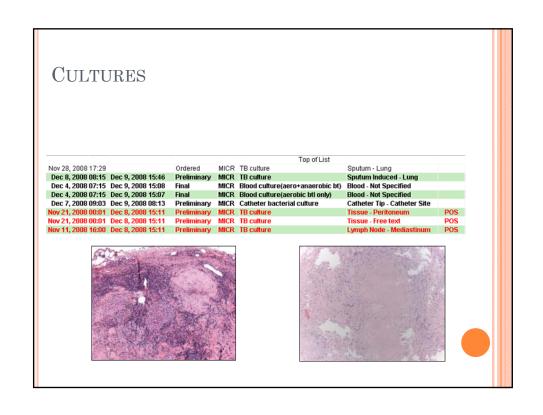
Extensive mediastinal adenopathy, most of which is surrounding the trachea. The nodes anterior to the aorta arch are borderline in size. The appearance is suggestive of sarcoidosis, but lymphoma is another possibility. This case was discussed with Dr. Kosiuk.

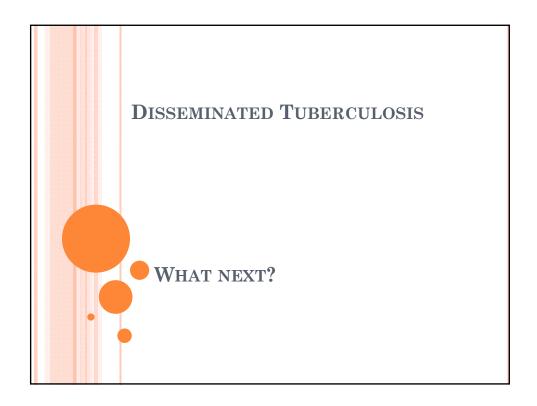


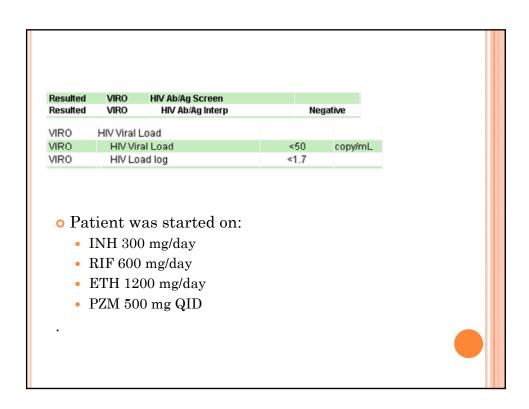












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CONCLUSIONS

- Assessment of TB risk factors is an important first step in the management.
- Atypical presentation of TB is challenged by the prolonged time required to confirm the diagnosis, which can lead to:
 - Delayed treatment.
 - Over-investigation, to role out serious differential Dx.
- TB related pathological features and immunological reactions varies.
 - Non-necrotizing granuloma does not rule out TB.
 - TB can reduce CD4 cell count to a critically low level.

