
Demographic: Male, 48 yrs, North America

Clinical features extracted from the case and entered into the query box:
- shoulder pain
- lytic scapula lesions
- cough with green sputum
- elevated white cell count
- severe fatigue
- sweats
- myalgias
- anxiety
- smoker

Synonyms used by Isabel for the above query:
- shoulder pain
- elevated white cell count
- sweats
- myalgias
- anxiety
- smoker
- severe fatigue

STOP!

Before you read further you might want to construct your own:
- Complete differential diagnosis
- Final diagnosis

In the following section you will find:
- The differential diagnosis constructed by the MGH panel
- The final diagnosis of the case
- Which of the MGH panel differential diagnoses did Isabel contain
- Did Isabel suggest the final diagnosis
**Differential Diagnoses considered by the MGH panel:**
Sarcoidosis  
Blastomycosis  
Erdheim-Chester Disease

**Final Diagnosis of the case according to NEJM:**
Langerhans cell histiocytosis

**Differential Diagnoses of the case as given by Isabel:**
Sarcoidosis in Respiratory  
Blastomycosis in Infectious  
Erdheim-Chester Disease in Neoplastic

**Was the final diagnosis given by Isabel:**
Yes, Langerhans cell histiocytosis in Neoplastic

**Isabel Differential:**

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