

Case 26 (August 23 2007): [N Engl J Med. 357\(8\):807-816](#)

Demographic: Male, 61 yrs, America North, General speciality

Clinical features extracted from the case and entered into the query box:

recurrent fevers
hypoxemia
weight loss
dyspnea
renal failure
elevated ESR
waxing and waning pulmonary infiltrates
pulmonary hypertension
lymphadenopathy
fatigue
bibasilar crackles

Synonyms used by Isabel for the above query:

Hypoxemia
Weight loss
Renal failure
Fatigue
Dyspnea
Elevated ESR
Pulmonary hypertension
Lymphadenopathy

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:

Pneumonia / Aspiration pneumonia / Interstitial pneumonitis
Lymphoma
Fever of Unknown Origin
Sarcoidosis

Final Diagnosis of the case according to NEJM:

Intravascular large-B-cell lymphoma involving the lungs.

Differential Diagnoses of the case as given by Isabel:

Diffuse Large-B-cell Lymphoma – Isabel top 10, under NHL
Intravascular Large-B-cell lymphoma – Isabel top 10, under NHL
Atypical pneumonia- Isabel top 10
Aspiration syndromes - click on Respiratory system disorders heading
Sarcoidosis – click on Respiratory system disorders heading

Was the final diagnosis given by Isabel:

Yes, Isabel top 10

Isabel differential:

RESPIRATORY SYSTEM DISORDERS << Click here	
Atypical Pneumonia	? Related Dx
COPD	? Related Dx
Lung Neoplasms	? Related Dx
Pulmonary TB	? Related Dx
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Bronchiectasis	? Related Dx
Sarcoidosis	? Related Dx
Interstitial Lung Disease	? Related Dx
ARDS	? Related Dx
Sleep Apnea	? Related Dx
BOOP	? Related Dx
Aspiration Syndromes	? Related Dx
Pulmonary Alveolar Proteinosis	? Related Dx
Pulmonary Amyloidosis	? Related Dx

GASTROINTESTINAL DISORDERS << Click here
RHEUMATIC DISEASES << Click here
IMMUNOLOGIC SYSTEM << Click here
ALLERGIC DISORDERS << Click here

NEOPLASTIC DISEASES << Click here	
Non-Hodgkin's Lymphoma	? Related Dx
Angioimmunoblastic T-Cell Lymphoma	
Burkitt Lymphoma	
Diffuse Large B Cell Lymphoma	
Follicular Lymphoma	
Intravascular Large B-Cell Lymphoma	
Lymphoblastic Lymphoma	
Mantle-Cell Lymphoma	
Marginal Zone B Cell Lymphoma	
Peripheral T Cell Lymphoma	
Small Lymphocytic Lymphoma	

INFECTIOUS DISEASES << Click here	
Tuberculosis	? Related Dx
Pseudomonas	? Related Dx
Q Fever	? Related Dx

CARDIAC DISORDERS << Click here	
Myocarditis	? Related Dx
Pericardial Effusion / Tamponade	? Related Dx