
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
### Respiratory System Disorders
- Atypical Pneumonia
- COPD
- Lung Neoplasms
  - Pulmonary TB
  - Bronchiectasis
  - Sarcomiosis
  - Interstitial Lung Disease
  - ARDS
- Sleep Apnea
- BOOP
- Aspiration Syndromes
  - Pulmonary Alveolar Proteinosis
  - Pulmonary Amyloidosis

### Gastrointestinal Disorders

### Rheumatic Diseases

### Immunologic System

### Allergic Disorders

### Neoplastic Diseases
- Non-Hodgkin's Lymphoma
  - Angiomyolymphoid 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
- Tuberculosis
- Pseudomonas
- Q Fever

### Cardiac Disorders
- Myocarditis
- Pericardial Effusion / Tamponade