
Case 17-2006: A 34-Year-Old Man with Cavitary Lung Lesions

**Demographic:** Male, 34, America North, General Speciality

**Clinical features extracted from the case and entered into the query box:**
cough
dyspnea
chills
night sweats
fever
scattered wheezes and rhonchi right lung lobe
right lower lobe consolidation
pleural effusion
enlarged kidneys with cysts
bilateral basilar pulmonary nodules

**Synonyms used by Isabel (optional) for the above query:**
Cough
Night sweats
Fever
Dyspnea
Pleural effusion

**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:**
Bronchiolitis obliterans / BOOP
Wegeners Granulomatosis
Sarcoidosis
NHL
Infectious diseases
Rheumatic diseases
Neoplastic diseases
Metastatic Germ cell tumour

**Final Diagnoses of the case according to NEJM:**
Lymphomatoid granulomatosis

**Differential Diagnoses of the case as given by Isabel:**
Lymphomatoid granulomatosis – Isabel 1st page
BOOP – Isabel 1st page
Sarcoidosis – Isabel 1st page
NHL – Isabel 1st page
Wegeners Granulomatosis – Isabel 2nd page
Infectious diseases – yes & clicking on a heading
Rheumatic diseases – yes & clicking on a heading
Neoplastic diseases – yes & clicking on a heading

**Was the final diagnosis given by Isabel:**
Yes, Isabel 1st page

**Entire presentation cut and pasted into the Isabel query box:**
BOOP – Isabel 2nd page
Infectious diseases – yes & clicking on a heading
Rheumatic diseases – yes & clicking on a heading
Neoplastic diseases – yes & clicking on a heading
Isabel differential:

### Respiratory System Disorders
- Lung Neoplasms
- Pulmonary Complications of HIV
- COPD
- Aspiration Syndromes
- Bronchiectasis
- BOOP
- Bronchitis
- Sarcoidosis
- Bacterial Pneumonia
- Interstitial Lung Disease
- Viral Pneumonia
- Pneumocystis Pneumonia
- Pulmonary TB
- Pulmonary Amyloidosis

### Infectious Diseases
- Tuberculosis
- Influenza and Parainfluenza Viruses
- Histoplasmosis
- CMV Infections
- Aspergillus Infection
- Adenoviral Infections
- Ascariasis
- Brucellosis
- Pseudomonas
- Tularemia

### Immunologic System
- Chronic Granulomatous Disease

### Rheumatic Diseases
- Lymphohematoid Granulomatosis
- Wegener Granulomatosis

### Neoplastic Diseases
- Non-Hodgkin's Lymphoma

### Cardiovascular System
- Heart Failure/CHF

### Nervous System Disorders
- Tuberous Sclerosis

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