

Case 17 (June 8 2006): [N Engl J Med 2006;354:2485-93](#)

Case 17-2006: A 34-Year-Old Man with Cavitory 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	<input type="checkbox"/>	R
Pulmonary Complications of HIV	<input type="checkbox"/>	R
COPD	<input type="checkbox"/>	R
↳ Aspiration Syndromes	<input type="checkbox"/>	R
Bronchiectasis	<input type="checkbox"/>	R
BOOP	<input type="checkbox"/>	R
↳ Bronchitis	<input type="checkbox"/>	R
Sarcoidosis	<input type="checkbox"/>	R
↳ Bacterial Pneumonia	<input type="checkbox"/>	R
Interstitial Lung Disease	<input type="checkbox"/>	R
Viral Pneumonia	<input type="checkbox"/>	R
Pneumocystis Pneumonia	<input type="checkbox"/>	R
Pulmonary TB	<input type="checkbox"/>	R
Pulmonary Amyloidosis	<input type="checkbox"/>	R

INFECTIOUS DISEASES ▾		
↳ Tuberculosis	<input type="checkbox"/>	R
↳ Influenza and Parainfluenza Viruses	<input type="checkbox"/>	R
Histoplasmosis	<input type="checkbox"/>	R
↳ CMV Infections	<input type="checkbox"/>	R
↳ Aspergillus Infection	<input type="checkbox"/>	R
Adenoviral Infections	<input type="checkbox"/>	R
Ascariasis	<input type="checkbox"/>	R
Brucellosis	<input type="checkbox"/>	R
Pseudomonas	<input type="checkbox"/>	R
Tularemia	<input type="checkbox"/>	R

IMMUNOLOGIC SYSTEM ▾		
Chronic Granulomatous Disease	<input type="checkbox"/>	R

RHEUMATIC DISEASES ▾		
Lymphomatoid Granulomatosis	<input type="checkbox"/>	R
Wegener Granulomatosis	<input type="checkbox"/>	R

NEOPLASTIC DISEASES ▾		
↳ Non-Hodgkin's Lymphoma	<input type="checkbox"/>	R

CARDIOVASCULAR SYSTEM ▾		
Heart Failure/CHF	<input type="checkbox"/>	R

NERVOUS SYSTEM DISORDERS ▾		
Tuberous Sclerosis	<input type="checkbox"/>	R