

**Case 33 (October 23 2008):** [N Engl J Med. 359\(17\):1823-1832](#)

**Demographic:** Female, 63 yrs, Not pregnant, America North, General speciality

***Clinical features extracted from the case and entered into the query***

***box:***

dyspnea on exertion  
chest tightness on exertion  
cough  
tachycardic  
rales in lungs  
hypoxia  
hypotension

***Synonyms used by Isabel for the above query:***

cough  
dyspnea on exertion  
hypotension  
hypoxia  
tachycardic

**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:**

Tuberculosis  
Interstitial lung disease

**Final Diagnosis of the case according to NEJM:**

Drug-induced lung disease due to infliximab

**Differential Diagnoses of the case as given by Isabel:**

Tuberculosis – under Infectious diseases heading  
Interstitial lung disease – under Respiratory disorders heading

**Was the final diagnosis given by Isabel:**

Yes, under Respiratory disorders heading

**Isabel Differential:**

- RESPIRATORY DISORDERS >> click to collapse	+ CARDIAC DISORDERS << click to expand
<ul style="list-style-type: none"> <li><input type="checkbox"/> Asthma ? RD</li> <li><input type="checkbox"/> Bacterial Pneumonia ? RD</li> <li><input type="checkbox"/> Atypical Pneumonia ? RD</li> <li><input type="checkbox"/> COPD ? RD</li> <li><input type="checkbox"/> Emphysema ? RD</li> <li><input type="checkbox"/> Pulmonary Thromboembolism ? RD</li> <li><input type="checkbox"/> Lung Neoplasms ? RD</li> <li><input type="checkbox"/> Pneumothorax Conditions ? RD</li> <li><input type="checkbox"/> Pulmonary TB ? RD</li> <li><input type="checkbox"/> Sarcoidosis ? RD</li> <li><input type="checkbox"/> Interstitial Lung Disease ? RD</li> <li><input type="checkbox"/> Pulmonary Edema ? RD</li> <li><input type="checkbox"/> Hypersensitivity Pneumonitis ? RD</li> <li><input type="checkbox"/> Aspiration Syndromes ? RD</li> <li><input type="checkbox"/> Pulmonary Alveolar Proteinosis ? RD</li> <li><input type="radio"/> Drug Induced Lung Disease RD</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Ischemic Heart Disease ? RD</li> <li><input type="checkbox"/> Heart Failure / CHF ? RD</li> </ul>
	+ SHOCK STATES << click to expand
	<input type="checkbox"/> Hypovolemic Shock ? RD
	+ HEMATOLOGY << click to expand
	+ TOXICOLOGY << click to expand
	+ ALLERGIC DISORDERS << click to expand
	+ GASTROINTESTINAL DISORDERS << click to expand
+ RHEUMATIC DISEASES << click to expand	
<input type="checkbox"/> Systemic Sclerosis ? RD	
- INFECTIOUS DISEASES >> click to collapse	
<input type="checkbox"/> Tuberculosis ? RD	
<input type="checkbox"/> Pseudomonas ? RD	
<input type="checkbox"/> Anthrax ? RD	
<input type="checkbox"/> Hantavirus Syndrome ? RD	

**Why did this diagnosis come up ?**

We matched the terms: coughing | cough | coughs | exertional dyspnea | chest | tight | tightness | exert | exertion

Degree of match between query entered and isabel database (Not clinical probability): 30%