

**Case 25 (August 16 2007):** [N Engl J Med. 357\(7\):692-701](#)

**Demographic:** Male, 60 yrs, America North, General speciality

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

fever  
odynophagia  
weight loss  
fatigue  
decreased appetite  
arthralgia  
myalgia  
leucopenia  
elevated ESR  
anemia  
thrombocytopenia  
proteinuria  
aphthous ulcers  
generalized lymphadenopathy  
erythematous papular rash

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

fever  
weight loss  
fatigue  
arthralgia  
myalgia  
leucopenia  
elevated ESR  
anemia  
thrombocytopenia  
proteinuria  
aphthous ulcers

**STOP !**

**Before you read further you might want to construct your own:**

- Complete differential diagnosis
- Final diagnosis



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**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:***

Lymphoma  
SLE

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

Systemic lupus erythematosus with cutaneous involvement, lupus nephritis, lupus lymphadenitis, and pulmonary vasculitis. Atherosclerotic coronary artery disease with acute myocardial infarction.

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

SLE – Isabel top 10  
Lymphoma / NHL – click on Neoplastic diseases heading

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

Yes, Isabel top 10

***Isabel differential:***



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<b>INFECTIOUS DISEASES</b> << Click here	<b>LIVER DISORDERS</b> << Click here
<ul style="list-style-type: none"> <li><a href="#">HIV / AIDS</a> <span>?</span> Related Dx</li> <li><a href="#">EBV Infection</a> <span>?</span> Related Dx</li> <li><a href="#">Toxic Shock Syndrome</a> <span>?</span> Related Dx</li> <li><a href="#">VZV Infection</a> <span>?</span> Related Dx</li> </ul>	<b>NEPHROLOGY</b> << Click here
<b>RESPIRATORY SYSTEM DISORDERS</b> << Click here	<b>IMMUNOLOGIC SYSTEM</b> << Click here
<a href="#">Sarcoidosis</a> <span>?</span> Related Dx	<b>TOXICOLOGY</b> << Click here
<b>DERMATOLOGY</b>	
<a href="#">Toxic Epidermal Necrolysis</a> <span>?</span> Related Dx	
<b>NEOPLASTIC DISEASES</b> << Click here	
<ul style="list-style-type: none"> <li><a href="#">Leukemia</a> <span>?</span> Related Dx</li> <li><a href="#">Non-Hodgkin's Lymphoma</a> <span>?</span> Related Dx</li> </ul>	
<b>RHEUMATIC DISEASES</b> << Click here	
<ul style="list-style-type: none"> <li><a href="#">SLE</a> <span>?</span> Related Dx</li> <li><a href="#">Mixed Connective Tissue Disease</a> <span>?</span> Related Dx</li> </ul>	
<b>CARDIAC DISORDERS</b> << Click here	
<a href="#">Infective Endocarditis</a> <span>?</span> Related Dx	