

Case 30 (September 20 2006): [N Engl J Med 2006;355:1358-68](#)

Demographic: Male, 41 yrs, America North, General speciality

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

recurrent fever
lymphadenopathy
splenomegaly
pancytopenia
weight loss
dyspnea
cough

Synonyms used by Isabel (optional) for the above query:

Weight loss
Pancytopenia
Dyspnea
Lymphadenopathy
Cough
Splenomegaly

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:

Castleman's disease
Kaposi's sarcoma
Lymphoma
EBV infection

Final Diagnoses of the case according to NEJM:

HHV-8–associated (Human herpesvirus -8) multicentric Castleman's disease and Kaposi's sarcoma associated with HIV infection.

Differential Diagnoses of the case as given by Isabel:

Castleman's disease – Isabel 1st page
NHL – Isabel 1st page
Lymphoma - click on heading
Kaposi's sarcoma – click on heading
EBV infection – click on heading

Was the final diagnosis given by Isabel:

Yes, Isabel 1st page

Entire presentation cut and pasted into the Isabel query box:

EBV infection – Isabel 1st page
Kaposi's sarcoma – click on heading
NHL – click on heading

Isabel differential:

HEMATOLOGY << Click here		
<u>Castleman's Disease</u>	68%	RD

NEOPLASTIC DISEASES << Click here		
↳ <u>Non-Hodgkin's Lymphoma</u>	62%	RD
<u>Kaposi Sarcoma</u>	53%	RD
<u>Lymphoma</u>	47%	RD
↳ <u>Leukemia</u>	47%	RD
<u>Langerhans Cell Histiocytosis Class1</u>	46%	RD

INFECTIOUS DISEASES << Click here		
<u>Brucellosis</u>	56%	RD
↳ <u>Bartonella Infection</u>	55%	RD
↳ <u>Tuberculosis</u>	54%	RD
<u>Lyme Disease</u>	54%	RD
<u>Penicillum Marneffeii Infection</u>	53%	RD
<u>Q Fever</u>	48%	RD
<u>Histoplasmosis</u>	48%	RD
<u>Coccidiomycosis</u>	48%	RD
<u>Adenoviral Infections</u>	46%	RD
<u>EBV Infection</u>	45%	RD
<u>Viral Hepatitis</u>	45%	RD
<u>Babesiosis</u>	45%	RD
↳ <u>Salmonella Infections</u>	39%	RD

RESPIRATORY SYSTEM DISORDERS << Click here		
↳ <u>Lung Neoplasms</u>	64%	RD
<u>Mediastinal Neoplasms</u>	55%	RD
<u>Sarcoidosis</u>	53%	RD
↳ <u>Aspiration Syndromes</u>	49%	RD
↳ <u>Eosinophilic Lung Disease</u>	47%	RD
↳ <u>Interstitial Lung Disease</u>	46%	RD
<u>Pharyngitis / Tonsillitis</u>	46%	RD
<u>Pulmonary Complications of HIV</u>	45%	RD
<u>Pulmonary TB</u>	42%	RD

RHEUMATIC DISEASES << Click here		
<u>SLE</u>	40%	RD

CARDIAC DISORDERS << Click here		
<u>Infective Endocarditis</u>	38%	RD

IMMUNOLOGIC SYSTEM << Click here		
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TOXICOLOGY << Click here		
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ALLERGIC DISORDERS << Click here		
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