

Case 17 (May 31 2007): [N Engl J Med. 356\(22\):2313-2319.](#)

Demographic: Female, 25 yrs, Not-pregnant, America North, General speciality

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

relapsing fevers
dyspnea
headache
neck stiffness
nausea
vomiting
respiratory distress
leucocytosis
anemia
patchy opacification in left lower lobe
elevated d-dimer

Synonyms used by Isabel for the above query:

Dyspnea
Headache
Neck stiffness
Nausea
Vomiting
Respiratory distress

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:

ARDS
Fulminant babesiosis
Lyme disease
Ehrlichiosis

Final Diagnosis of the case according to NEJM:

Fulminant babesiosis complicated by the acute respiratory distress syndrome (ARDS)

Differential Diagnoses of the case as given by Isabel:

Babesiosis – Isabel 1st page
Lyme disease – Isabel 1st page
Ehrlichiosis – click on Infectious diseases heading

Was the final diagnosis given by Isabel:

Yes, Isabel 1st page

Entire presentation cut and pasted into the Isabel query box:

Babesiosis – click on Infectious diseases heading
Lyme disease – click on Infectious diseases heading

Isabel differential:

INFECTIOUS DISEASES << Click here	RHEUMATIC DISEASES << Click here
<u>Babesiosis</u> RD	<u>SLE</u> RD
<u>Lyme Disease</u> RD	CARDIAC DISORDERS << Click here
<input type="checkbox"/> <u>Toxic Shock Syndrome</u> RD	<u>Infective Endocarditis</u> RD
<input type="checkbox"/> <u>Viral Meningoencephalitis</u> RD	NERVOUS SYSTEM DISORDERS << Click here
<u>Anthrax</u> RD	<u>Intracranial Hypertension</u> RD
<u>Rocky Mountain Spotted Fever</u> RD	<u>Intracranial Abscess</u> RD
LIVER DISORDERS << Click here	GASTROINTESTINAL DISORDERS << Click here
	RESPIRATORY SYSTEM DISORDERS << Click here
	TOXICOLOGY << Click here