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Case 6 (February 24 2011): [N Engl J Med. 364\(8\):759-767](#)

Demographic: Male, 77 yrs, North America

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

fever
malaise
diarrhea
thrombocytopenia
elevated aminotransferase levels
elevated lactate dehydrogenase levels

Synonyms used by Isabel for the above query:

fever
malaise
diarrhea
thrombocytopenia
elevated aminotransferase levels

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:

Babesiosis
Ehrlichiosis

Final Diagnosis of the case according to NEJM:

Human granulocytotropic anaplasmosis

Differential Diagnoses of the case as given by Isabel:

Babesiosis in Infectious
Ehrlichiosis in Infectious

Was the final diagnosis given by Isabel:
 Yes, Anaplasmosis in Infectious

Isabel Differential:

enter clinical features | synonyms

age* geriatric (65yrs-over)

gender female male

Refine search:
 travel history: North America

show me:
 diagnoses
 causative drugs
 bioterrorist agents

Enter clinical features, no negatives, no numbers: ⓘ

fever
 malaise
 diarrhea
 thrombocytopenia
 elevated aminotransferase levels
 elevated lactate dehydrogenase levels

+ add a clinical feature

get checklist >

clear search

diagnoses

Most Relevant

sort by: most relevant | action: -select-

show: 10 20 30 all

<input checked="" type="checkbox"/> Renal Failure	NEPHRO
<input checked="" type="checkbox"/> Viral Hepatitis	HEPATO
<input type="checkbox"/> EBV Infection	INFEC
<input checked="" type="checkbox"/> Ischemic Heart Disease	CARDIO
<input type="checkbox"/> Brucellosis	INFEC
<input type="checkbox"/> Babesiosis	INFEC
<input type="checkbox"/> Hantavirus Syndrome	INFEC
<input type="checkbox"/> Ehrlichiosis and Anaplasmosis	INFEC

Why did this diagnosis come up ?

We matched the terms: fever | fevers | feverish | malaise | tiredness | tired | diarrhea | thrombocytopenia | elevated ast | elevated aspartate aminotransferase | elevated | elevated temperature | elevated body temperature | elevated temp | elevated serum glutamicoxaloacetic transaminase | elevated sgot | elevated serum transaminases | elevated serum aminotransferases | elevated serum aminotransferase levels | elevated transaminase level | elevated transaminase levels | elevated aminotransferase level | elevated aminotransferase levels | elev

Degree of match between query entered and Isabel database (Not clinical probability): 77%

feedback: submit