

Case 6 (February 23 2012): [N Engl J Med. 366\(8\):745-755](#)

Demographic: Male, 45 yrs, Eastern Europe

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

alcoholic liver disease
cognitive decline
jaundice
fatigue
bilateral hilar lymphadenopathy
fluctuating mental status
dark urine
somnolence
scleral icterus
anisocoria
solitary brain lesion

Synonyms used by Isabel for the above query:

alcoholic liver disease
cognitive decline
jaundice
fatigue
dark urine
somnolence
scleral icterus
anisocoria

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

Final Diagnosis of the case according to NEJM:

- (i) Alcoholic liver disease
- (ii) Brain abscess due to toxoplasmosis
- (iii) HIV infection

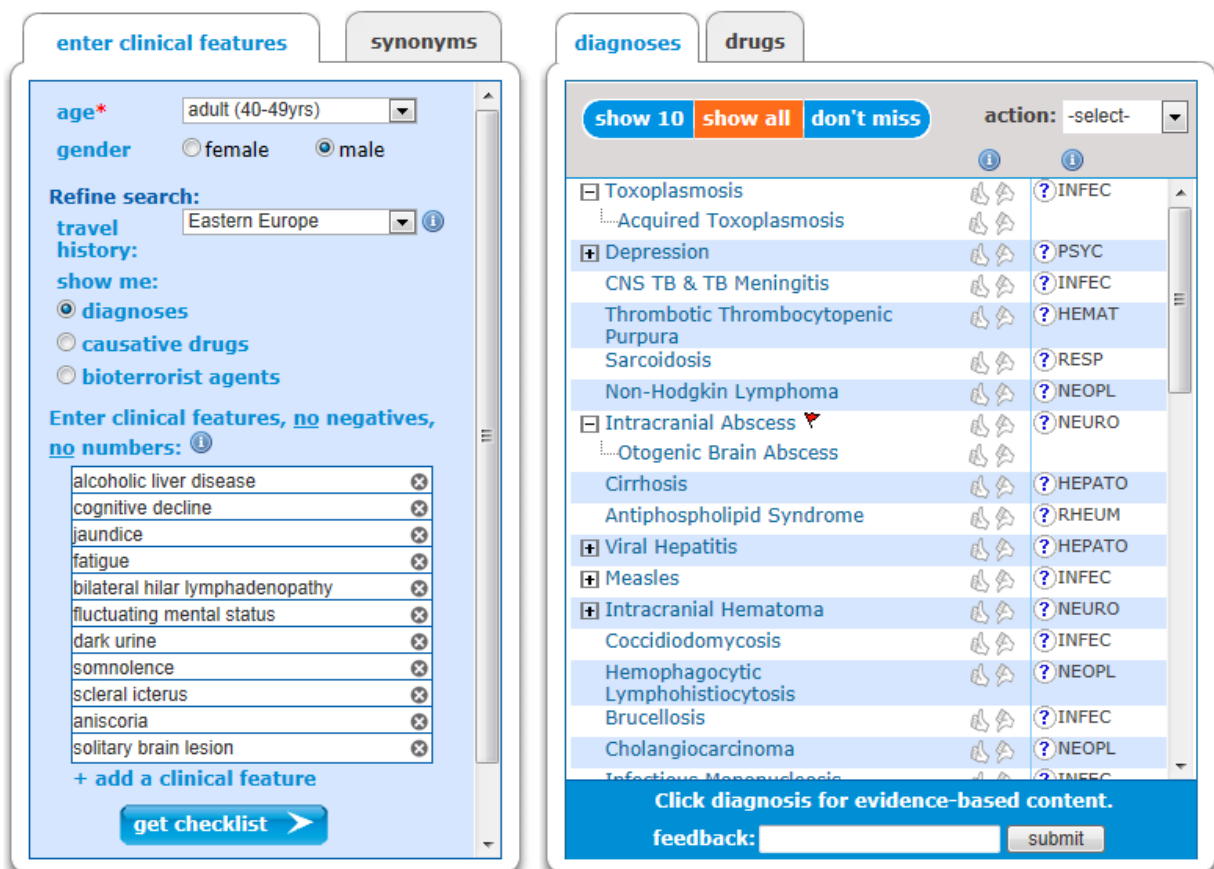
Differential Diagnoses of the case as given by Isabel:

Tuberculosis in Infectious

Was the final diagnosis given by Isabel:

- Yes, (i) Alcoholic liver disease – Cirrhosis in Hepato
- (ii) Brain abscess due to toxoplasmosis – Toxoplasmosis in Infectious, Brain abscess under Intracranial abscess in Neuro
- (iii) HIV in Infectious

Isabel Checklist Differential:



The screenshot displays the Isabel Checklist Differential interface, divided into two main panels: 'enter clinical features' and 'diagnoses'.

enter clinical features panel:

- age*:** adult (40-49yrs)
- gender:** female, male (selected)
- Refine search:** travel history: Eastern Europe
- show me:** diagnoses (selected), causative drugs, bioterrorist agents
- Enter clinical features, no negatives, no numbers:**
 - alcoholic liver disease
 - cognitive decline
 - jaundice
 - fatigue
 - bilateral hilar lymphadenopathy
 - fluctuating mental status
 - dark urine
 - somnolence
 - scleral icterus
 - anisocoria
 - solitary brain lesion
- + add a clinical feature**
- get checklist** button

diagnoses panel:

- Buttons: show 10, show all, don't miss
- action: -select-
- Table of differential diagnoses:

Diagnosis	Icons	Category
<input type="checkbox"/> Toxoplasmosis	👤👤	? INFEC
↳ Acquired Toxoplasmosis	👤👤	
<input checked="" type="checkbox"/> Depression	👤👤	? PSYC
CNS TB & TB Meningitis	👤👤	? INFEC
<input checked="" type="checkbox"/> Thrombotic Thrombocytopenic Purpura	👤👤	? HEMAT
Sarcoidosis	👤👤	? RESP
Non-Hodgkin Lymphoma	👤👤	? NEOPL
<input type="checkbox"/> Intracranial Abscess	👤👤	? NEURO
↳ Otogenic Brain Abscess	👤👤	
Cirrhosis	👤👤	? HEPATO
Antiphospholipid Syndrome	👤👤	? RHEUM
<input checked="" type="checkbox"/> Viral Hepatitis	👤👤	? HEPATO
<input checked="" type="checkbox"/> Measles	👤👤	? INFEC
<input checked="" type="checkbox"/> Intracranial Hematoma	👤👤	? NEURO
Coccidioidomycosis	👤👤	? INFEC
Hemophagocytic Lymphohistiocytosis	👤👤	? NEOPL
Brucellosis	👤👤	? INFEC
Cholangiocarcinoma	👤👤	? NEOPL
Infectious Mononucleosis	👤👤	? INFEC

Click diagnosis for evidence-based content.

feedback: **submit**