

Case 27 (September 08 2011): [N Engl J Med. 365\(10\):940-950](#)

Demographic: Male, 17 yrs, North America

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

right lower quadrant abdominal pain
constipation
night sweats
weight loss
abdominal mass

Synonyms used by Isabel for the above query:

right lower quadrant abdominal pain
constipation
night sweats
weight loss
abdominal mass

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:

Crohn's disease
Peritoneal carcinomatosis

Final Diagnosis of the case according to NEJM:

Tuberculosis with tuberculosis peritonitis

Differential Diagnoses of the case as given by Isabel:

Crohn's disease under Inflammatory bowel disease in Gastro
Peritoneal carcinomatosis in Neoplastic

Was the final diagnosis given by Isabel:

Yes, Tuberculosis GI disease under Tuberculosis in Infectious

Isabel Checklist Differential:

enter clinical features | synonyms

age*

gender female male

Refine search:

travel

history:

show me:

diagnoses

causative drugs

bioterrorist agents

Enter clinical features, no negatives, no numbers:

+ add a clinical feature

[clear search](#)

Isabel is not meant to replace your clinical judgment.

diagnoses | drugs

Results

sort by: action:

show: 10 / all

<input type="checkbox"/> Inflammatory Bowel Disease	<input type="button" value="h"/> <input type="button" value="p"/>	<input type="button" value="?"/> GASTRO
└ Crohn's Disease	<input type="button" value="h"/> <input type="button" value="p"/>	
<input type="checkbox"/> Neoplasms of the Kidney	<input type="button" value="h"/> <input type="button" value="p"/>	<input type="button" value="?"/> NEPHRO
└ Renal-Cell Carcinoma	<input type="button" value="h"/> <input type="button" value="p"/>	
<input type="checkbox"/> Non-Hodgkin's Lymphoma	<input type="button" value="h"/> <input type="button" value="p"/>	<input type="button" value="?"/> NEOPL
└ Hepatosplenic T-Cell Lymphoma	<input type="button" value="h"/> <input type="button" value="p"/>	
<input type="checkbox"/> Tuberculosis <input checked="" type="button" value="v"/>	<input type="button" value="h"/> <input type="button" value="p"/>	<input type="radio"/> INFEC
└ Tuberculosis GI Disease	<input type="button" value="h"/> <input type="button" value="p"/>	
Why did this diagnosis come up ? <input type="button" value="x"/>		
We matched the terms: constipation night sweats night sweating weight loss abdominal mass abdominal mass palpable		
Degree of match between query entered and Isabel database (Not clinical probability): 71%		
<input type="checkbox"/> Acute Appendicitis <input checked="" type="button" value="v"/>	<input type="button" value="h"/> <input type="button" value="p"/>	<input type="button" value="?"/> GASTRO
<input type="checkbox"/> Hodgkin's Disease	<input type="button" value="h"/> <input type="button" value="p"/>	<input type="button" value="?"/> NEOPL
<input type="checkbox"/> Colorectal Cancer <input checked="" type="button" value="v"/>	<input type="button" value="h"/> <input type="button" value="p"/>	<input type="button" value="?"/> NEOPL
└ Hereditary Nonpolyposis Colon Cancer	<input type="button" value="h"/> <input type="button" value="p"/>	
<input type="checkbox"/> Brucellosis	<input type="button" value="h"/> <input type="button" value="p"/>	<input type="button" value="?"/> INFEC
<input type="checkbox"/> Peritoneal Carcinomatosis	<input type="button" value="h"/> <input type="button" value="p"/>	<input type="button" value="?"/> NEOPL

feedback: