

Case 25 (August 18 2005): [N Engl J Med 2005;353:713-22](#)

Demographic: Male, 40 yrs, America North, General speciality

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

infective diarrhea
fever
night sweats
anorexia
weight loss
pressure in the right upper abdominal quadrant
brownish-orange color to urine
raised erythrocyte sedimentation rate
abnormal liver function

Synonyms used by Isabel for the above query:

Fever
Night sweats
Anorexia
Weight loss
Raised erythrocyte sedimentation rate

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:

Food-borne cause of diarrhea – Salmonella and Yersinia enterocolitica
Appendicitis

Final Diagnoses of the case according to NEJM:

Pylephlebitis

Differential Diagnoses of the case as given by Isabel:

Pylephlebitis – Isabel 1st page
Food-borne cause of diarrhea – Salmonella and Yersinia enterocolitica – Click on
Infectious diseases heading
Appendicitis – Isabel 1st page

Was the final diagnosis given by Isabel:

Yes, Isabel 1st page

Entire presentation cut and pasted into the Isabel query box:

Pylephlebitis – No
Food-borne cause of diarrhea: Salmonella – No
Yersinia enterocolitica – Click on Infectious diseases
heading
Appendicitis – No

Isabel differential for extracted features:

<p>LIVER DISORDERS << Click here</p> <p>Pylephlebitis RD</p> <p>Cirrhosis RD</p> <p>↳ Liver Abscess RD</p> <p>Viral Hepatitis RD</p> <p>Obstructive Jaundice RD</p>	<p>NEOPLASTIC DISEASES << Click here</p> <p>↳ Liver Neoplasms RD</p>
<p>RESPIRATORY SYSTEM DISORDERS << Click here</p> <p>Pulmonary Complications of HIV RD</p>	<p>GASTROINTESTINAL DISORDERS << Click here</p> <p>Acute Appendicitis RD</p>
<p>CARDIAC DISORDERS << Click here</p> <p>↳ Cardiac Neoplasms RD</p>	<p>INFECTIOUS DISEASES << Click here</p> <p>↳ CMV Infections RD</p>
<p>ENDOCRINE SYSTEM << Click here</p>	<p>NEPHROLOGY << Click here</p>
<p>UROLOGIC DISORDERS << Click here</p>	

