

Case 23 (July 28 2005): [N Engl J Med 2005;353:401-410](#)

Demographic: Male, 57 yrs, Asia East, General speciality

Asia East selected as region in Isabel query box page as patient had chronic hepatitis B infection diagnosed prior to admission probably stemming from perinatal period when he lived in Asia East. He emigrated to the United States 15 years prior to this admission.

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

liver lobe mass
weight loss
hepatitis B infection

Synonyms used by Isabel for the above query:

weight loss

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

Final Diagnoses of the case according to NEJM:

Hepatocellular carcinoma

Was the final diagnosis given by Isabel:

Yes, Isabel 1st page

Entire presentation cut and pasted into the Isabel query box:
Hepatocellular carcinoma - No

Isabel differential for extracted features:

<p>INFECTIOUS DISEASES << Click here</p> <ul style="list-style-type: none"> Tuberculosis RD ↳ CMV Infections RD ↳ Pseudomonas RD Histoplasmosis RD Amoebiasis RD 	<p>NEOPLASTIC DISEASES << Click here</p> <ul style="list-style-type: none"> ↳ Liver Neoplasms RD ↳ Hepatocellular Carcinoma << Click here ↳ Liver Metastases RD ↳ Lymphomatoid Granulomatosis RD
<p>LIVER DISORDERS << Click here</p> <ul style="list-style-type: none"> Alcoholic Liver Disease RD ↳ Viral Hepatitis RD 	<p>RESPIRATORY SYSTEM DISORDERS << Click here</p> <ul style="list-style-type: none"> ↳ Lung Neoplasms RD
<p>GASTROINTESTINAL DISORDERS << Click here</p>	<p>UROLOGIC DISORDERS << Click here</p>
<p>NERVOUS SYSTEM DISORDERS << Click here</p>	<p>ENDOCRINE SYSTEM << Click here</p>