
Demographic: Male, 58 yrs, America North, General speciality

Clinical features extracted from the case and entered into the query box:
abdominal mass
hepatitis C infection
elevated alpha fetoprotein
recurrent bleeding

Synonyms used by Isabel for the above query:
Abdominal mass
Elevated alpha fetoprotein
Hemorrhage
Hepatitis C infection

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:
Hepatocellular carcinoma

Final Diagnosis of the case according to NEJM:
Factor VIII deficiency with factor VIII inhibitor, hepatitis C with bridging fibrosis, and hepatocellular carcinoma.

Differential Diagnoses of the case as given by Isabel:
Hepatocellular carcinoma – under Neoplastic diseases under Liver neoplasms
Factor VIII deficiency - under Hematology heading

Was the final diagnosis given by Isabel:
Yes, Hepatocellular carcinoma – under Neoplastic diseases and Factor VIII deficiency - under Hematology heading
### Isabel Differential:

**NEOPLASTIC DISEASES**
- Colorectal Cancer
- Gastric Neoplasms
- Leukemia
- Non-Hodgkin’s Lymphoma
- Liver Neoplasms

**Why did this diagnosis come up?**
We matched the terms: abdominal mass | bleeding | elevated alpha fetoprotein | elevatedAFP | hepatitis c infection | hepatitis c

**Degree of match between query entered and Isabel database (Not clinical probability): 80%**
- Angiosarcoma
- Bile Duct Neoplasms
- Carcinoma of the Papilla of Vater
- Cholangiocarcinoma
- Epithelioid Haemangioendothelioma
- Focal Nodular Hyperplasia
- Hepatic Adenoma
- Hepatic Grandomas
- Hepatocellular Carcinoma
- Liver Metastases
- Adenocarcinoma of the Small Bowel
- Lymphoma of the Small Intestine
- Small Intestine Neoplasms
- Teratomas

**LIVER DISORDERS**
- Viral Hepatitis
- Cirrhosis

**HEMATOLOGY**
- ITP

**Why did this diagnosis come up?**
We matched the terms: hemorrhage | hepatitis c | hepatitis c infection | recurrent

**Degree of match between query entered and Isabel database (Not clinical probability): 48%**

**GASTROINTESTINAL DISORDERS**
- Intestinal Obstruction

**NEPHROLOGY**
- Glomerulonephritis
- Nephrotic Syndrome

**IMMUNOLOGIC SYSTEM**
- Selective IgA Deficiency

**DERMATOLOGY**

**UROLOGIC DISORDERS**

**METABOLIC DISEASES**

**RESPIRATORY DISORDERS**

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