

Case 11 (April 11 2013): [N Engl J Med. 368\(15\):1435-1444](#)

Demographic: Male, 4 years, North America

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

fever
abdominal pain
pain with urination
nonbloody diarrhea
abdominal mass

Synonyms used by Isabel for the above query:

fever
abdominal pain
pain with urination
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:

Perforated appendix
Crohn's disease

Final Diagnosis of the case according to NEJM:

Burkitt's lymphoma

Differential Diagnoses of the case as given by Isabel:

Acute Appendicitis in Gastro
Crohn's disease under Inflammatory bowel disease in Gastro

Was the final diagnosis given by Isabel:

Yes, Burkitt's lymphoma under Non-Hodgkin lymphoma in Neoplastic

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: ⓘ

fever	✕
abdominal pain	✕
pain with urination	✕
nonbloody diarrhea	✕
abdominal mass	✕

+ add a clinical feature

get checklist ▶

[clear search](#)

Isabel is not meant to replace your clinical judgment.

diagnoses | drugs

show 10 | **show all** | **don't miss**

Intussusception ▼	👍👎	🔍 GASTRO
⊕ Inflammatory Bowel Disease	👍👎	🔍 GASTRO
Pyelonephritis ▼	👍👎	🔍 NEPHRO
Tularemia	👍👎	🔍 INFEC
Acute Appendicitis ▼	👍👎	🔍 GASTRO
Adenoviral Infections	👍👎	🔍 INFEC
Urinary Tract Infection	♂👍👎	🔍 NEPHRO
☑ Non-Hodgkin Lymphoma	👍👎	🔍 NEOPL
↳ Burkitt Lymphoma	👍👎	

Why did this diagnosis come up ? ⓘ

We matched the terms: fever | fevers | feverish | abdominal pain | abdominal pains | abdominal pain diffuse | pain in the abdomen | abdominal mass | abdominal mass palpable | diarrhea

Degree of match between query entered and Isabel database (Not clinical probability): 64%

⊕ Liver Neoplasms	👍👎	🔍 NEOPL
Urinary Lithiasis / Nephrolithiasis	👍👎	🔍 NEPHRO

[view all](#)

Click diagnosis for evidence-based content.

feedback: **submit**