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Case 24 (August 09 2012): [N Engl J Med. 367\(6\):552-563](#)

Demographic: Male, 38 years, Caribbean

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

abdominal pain
altered mental status
hypercalcemia
thrombocytopenia
splenomegaly
lymphadenopathy
fatigue

Synonyms used by Isabel for the above query:

abdominal pain
altered mental status
hypercalcemia
thrombocytopenia
splenomegaly
lymphadenopathy
fatigue

STOP !

Before you read further you might want to construct your own:

- Final diagnosis

In the following section you will find:

- The final diagnosis of the case
- Did Isabel suggest the final diagnosis

Final Diagnosis of the case according to NEJM:

Adult T-cell leukemia-lymphoma associated with human T-cell lymphotropic virus type 1

Was the final diagnosis given by Isabel:

Yes, Adult T-cell leukemia-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:

- ✕
- ✕
- ✕
- ✕
- ✕
- ✕
- ✕

+ 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** | action: -select-

Adult T-Cell Lymphoma / Leukemia ? INFEC

Why did this diagnosis come up ? ✕

We matched the terms: hypercalcemia | thrombocytopenia | splenomegaly | splenomegally | lymphadenopathy | enlarged lymph nodes | fatigue | fatigue

Degree of match between query entered and Isabel database (Not clinical probability): 100%

<input checked="" type="checkbox"/> Liver Neoplasms	? ?	? NEOPL
Thrombotic Thrombocytopenic Purpura	? ?	? HEMAT
<input checked="" type="checkbox"/> Leukemia	? ?	? NEOPL
<input checked="" type="checkbox"/> Fluke Infection	? ?	? INFEC
Hemophagocytic Lymphohistiocytosis	? ?	? NEOPL
<input checked="" type="checkbox"/> Non-Hodgkin Lymphoma	? ?	? NEOPL
Infectious Mononucleosis	? ?	? INFEC
Toxoplasmosis	? ?	? INFEC
Brucellosis	? ?	? INFEC

[view all](#)

Click diagnosis for evidence-based content.

feedback: