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Case 28 (September 10 2009): [N Engl J Med. 361\(9\):900-911](#)

Demographic: Male, 68yrs, America North, General speciality

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

fatigue
cough
peripheral blood monocytosis
burning on urination
suprapubic discomfort
anemia
leukocytosis

Synonyms used by Isabel PRO for the above query:

anemia
elevated white cell count
burning on urination
pelvic tenderness
fatigue
monocytosis
cough

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:

Acute Myeloid Leukemia

Was the final diagnosis given by Isabel PRO:

Yes, Acute Myeloid Leukemia – Leukemia under Neoplastic Diseases

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Isabel PRO Final Diagnosis:

ENTER CLINICAL FEATURES	Synonyms	DEGREE OF MATCH	Your Customized View
<p>age: geriatric (65 years - onwards)</p> <p>gender: male</p> <p>pregnancy: (- not specified -)</p> <p>region: America North</p> <p>speciality: General</p> <p>ENTER QUERY TERMS ON SEPARATE LINES: ⓘ</p> <p>fatigue</p> <p>cough</p> <p>peripheral blood monocytosis</p> <p>burning on urination</p> <p>suprapubic tenderness</p> <p>anemia</p> <p>leukocytosis</p> <p>+ Add a Clinical Feature</p> <p>Get Checklist »</p> <p>Help Search Again</p> <p>Isabel PRO is not meant to replace your clinical judgment.</p>		<p>4 NEOPLASTIC DISEASES</p> <ul style="list-style-type: none">Prostate Cancer ♂ ? RD ▲⊕ Non-Hodgkin's Lymphoma ? RD⊖ Leukemia ○ RD<ul style="list-style-type: none">Acute Myeloblastic LeukemiaChronic Myelogenous Leukemia⊕ More <p>Why did this diagnosis come up ? ❌</p> <p>We matched the terms: anemia anemic leukocytosis fatigue</p> <p>Degree of match between query entered and Isabel database (Not clinical probability): 40%</p> <p>13 Body Systems</p> <ul style="list-style-type: none">INFECTIOUS DISEASES ▲RESPIRATORY DISORDERSGASTROINTESTINAL DISORDERSNEPHROLOGY DISORDERSHEMATOLOGY DISORDERSRHEUMATIC DISEASESUROLOGIC DISORDERSCARDIAC DISORDERSLIVER DISORDERSDERMATOLOGY DISORDERSSHOCK STATESNEOPLASTIC DISEASES ▼	