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Case 27 (September 09 2010): [N Engl J Med. 363\(11\):1060-1068](#)

Demographic: Female, 73 yrs, North America

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

exertional dyspnea
syncope
persistent fatigue
chronic anemia
elevated erythropoietin level

Synonyms used by Isabel for initial clinical features:

exertional dyspnea
syncope
elevated erythropoietin level

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:

Myelodysplastic syndrome with progression to Acute myeloid leukemia

Was the final diagnosis given by Isabel:

Yes, Myelodysplastic syndrome in Hematology

Isabel 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: ⓘ

exertional dyspnea
syncope
persistent fatigue
chronic anemia
elevated erythropoietin level

+ add a clinical feature

get checklist >

clear search

Isabel is not meant to replace your clinical judgment.

diagnoses

Most Relevant	
sort by:	most relevant
action:	-select-
show: 10 20 30 all	
Sarcoidosis	? RESP
Cardiogenic Shock ▼	? SHOCK
Myelodysplastic Syndromes	? HEMAT
Why did this diagnosis come up ? ⓘ	
We matched the terms: exertional dyspnoea fatigu fatigue chronic anemia	
Degree of match between query entered and Isabel database (Not clinical probability): 56%	
<input checked="" type="checkbox"/> Interstitial Lung Disease	? RESP
<input checked="" type="checkbox"/> Liver Neoplasms	? NEOPL
<input checked="" type="checkbox"/> Neoplasms of the Kidney	? NEPHRO
<input checked="" type="checkbox"/> Lung Neoplasms ▼	? RESP
<input checked="" type="checkbox"/> Primary Adrenal Insufficiency ▼	? ENDO
Hodgkin's Disease	? NEOPL
Iron Deficiency Anemia ▼	? HEMAT