



www.isabelhealthcare.com

Case 40 (December 29 2011): [N Engl J Med. 365\(26\):2520-2530](#)

Demographic: Male, 52 yrs, North America

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

muscle weakness
weight gain
hyperglycemia
leg swelling and edema
hypokalemia
malaise
wide striae
multiple ecchymoses
cushingoid facies
elevated corticotropin level
adrenalectomy

Synonyms used by Isabel for the above query:

muscle weakness
weight gain
hyperglycemia
hypokalemia
malaise

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:

Cushing's syndrome

Final Diagnosis of the case according to NEJM:

Nelson's syndrome

Differential Diagnoses of the case as given by Isabel:

Cushing's syndrome in Endocrine

Was the final diagnosis given by Isabel:

Yes, Nelson's syndrome in Endocrine

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: ⓘ

muscle weakness	✕
weight gain	✕
hyperglycemia	✕
leg swelling and edema	✕
hypokalemia	✕
malaise	✕
wide striae	✕
multiple ecchymoses	✕
cushingoid facies	✕
elevated corticotropin level	
adrenalectomy	

+ add a clinical feature

get checklist >

diagnoses | drugs

Results

sort by: most relevant | action: -select-

show: 10 / all

<input checked="" type="checkbox"/> Hyperthyroidism	👍👎	🔍 ENDO
Nelson's Syndrome	👍👎	🔍 ENDO
Why did this diagnosis come up ? ⓘ		
We matched the terms: leg lethargy lethargic level elevated elevated blood sugar elevated blood sugar level elevated blood sugar levels elevated sugar elevated glucose level elevated glucose levels elev wide striae ecchymoses ecchymos cushingoid corticotropin adrenalectomy		
Degree of match between query entered and Isabel database (Not clinical probability): 93%		
Heart Failure / CHF	👍👎	🔍 CARDIO
Cushing's Syndrome	👍👎	🔍 ENDO
Hashimoto's Thyroiditis	👍👎	🔍 ENDO
<input checked="" type="checkbox"/> Renal Failure	👍👎	🔍 NEPHRO
Erdheim-Chester Disease	👍👎	🔍 NEOPL
Diabetic Nephropathy	👍👎	🔍 NEPHRO
Hodgkin's Disease	👍👎	🔍 NEOPL
Cirrhosis	👍👎	🔍 HEPATO

[view all](#)

feedback: **submit**