



www.isabelhealthcare.com

Case 35 (November 15 2012): [N Engl J Med. 367\(20\):1940-1948](#)

Demographic: Male, 69 years, North America

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

increasing weakness
malaise
anorexia
failure to thrive
recurrent fevers
chills
feels cold
depressed mood
hair loss
anemia

Synonyms used by Isabel for the above query:

malaise
anorexia
failure to thrive
recurrent fevers
chills
depressed mood
hair loss
anemia

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:

Primary adrenal insufficiency
Pancreatic neoplasms

Final Diagnosis of the case according to NEJM:

Severe primary hypothyroidism

Differential Diagnoses of the case as given by Isabel:

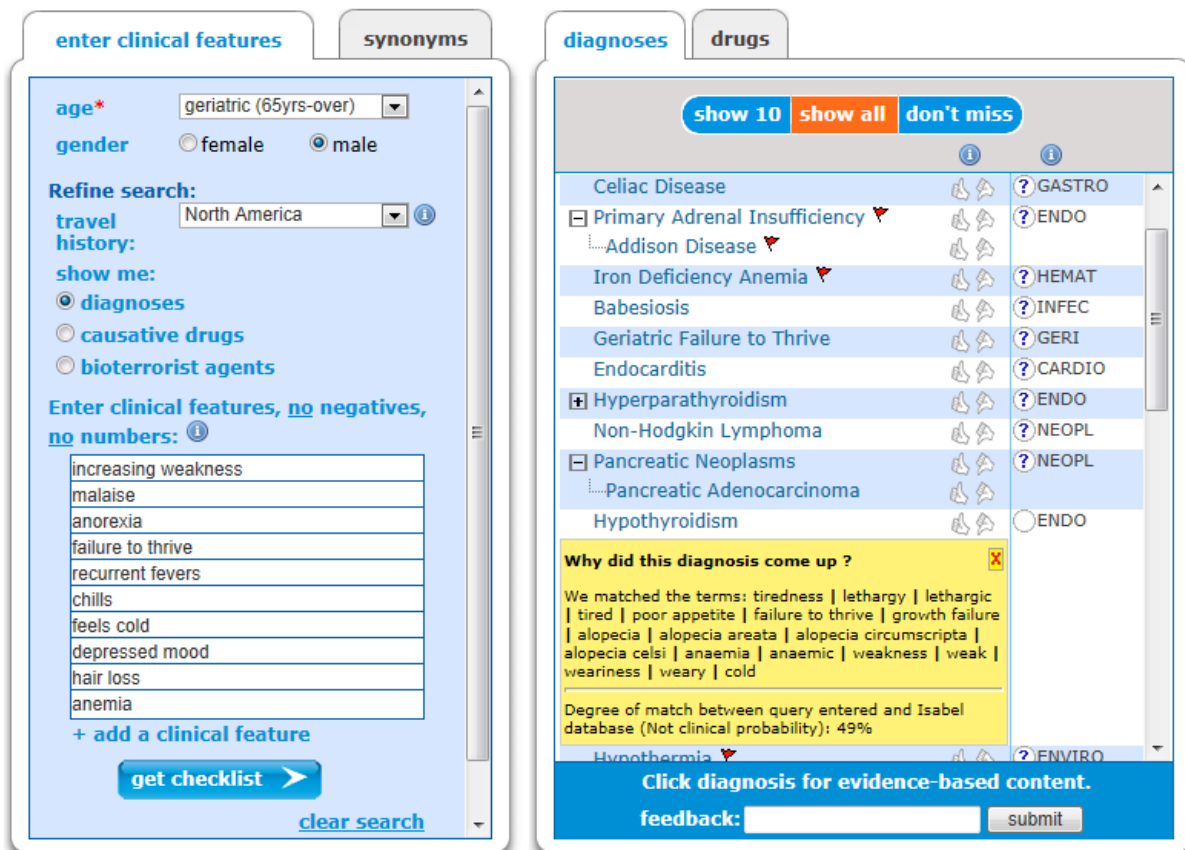
Primary adrenal insufficiency in Endocrinology

Pancreatic neoplasms in Neoplastic

Was the final diagnosis given by Isabel:

Yes, Hypothyroidism in Endocrinology

Isabel Checklist Differential:



The screenshot displays the Isabel healthcare interface, divided into two main panels: 'enter clinical features' and 'diagnoses'.

enter clinical features panel:

- age*:** geriatric (65yrs-over)
- gender:** female (radio button), male (radio button, selected)
- Refine search:**
 - travel history:** North America
- show me:**
 - diagnoses
 - causative drugs
 - bioterrorist agents
- Enter clinical features, no negatives, no numbers:**
 - increasing weakness
 - malaise
 - anorexia
 - failure to thrive
 - recurrent fevers
 - chills
 - feels cold
 - depressed mood
 - hair loss
 - anemia
- + add a clinical feature**
- get checklist** (button)
- clear search** (link)

diagnoses panel:

- show 10** (button), **show all** (button), **don't miss** (button)
- showing 10 results:**
 - Celiac Disease (GASTRO)
 - Primary Adrenal Insufficiency (ENDO)
 - Addison Disease (ENDO)
 - Iron Deficiency Anemia (HEMAT)
 - Babesiosis (INFECTION)
 - Geriatric Failure to Thrive (GERI)
 - Endocarditis (CARDIO)
 - Hyperparathyroidism (ENDO)
 - Non-Hodgkin Lymphoma (NEOPL)
 - Pancreatic Neoplasms (NEOPL)
 - Pancreatic Adenocarcinoma (NEOPL)
 - Hypothyroidism (ENDO)
- Why did this diagnosis come up ?** (pop-up box):

We matched the terms: tiredness | lethargy | lethargic | tired | poor appetite | failure to thrive | growth failure | alopecia | alopecia areata | alopecia circumscripta | alopecia celsi | anaemia | anaemic | weakness | weak | weariness | weary | cold

Degree of match between query entered and Isabel database (Not clinical probability): 49%
- click diagnosis for evidence-based content.**
- feedback:** (input field) **submit** (button)