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Case 22 (July 18 2013): [N Engl J Med. 369\(3\):265-274](#)

Demographic: Female, 51 years, North America

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

recurrent epistaxis
fatigue
sore throat
ear fullness
arthralgias
oral ulcers
nasal crusting with rhinorrhea

Synonyms used by Isabel for the above query:

fatigue
sore throat
arthralgias
oral ulcers

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:

Herpes simplex virus
Granulomatosis with polyangiitis
Behcet's disease
Erythema mutlifforme

Final Diagnosis of the case according to NEJM:

Mucous membrane pemphigoid

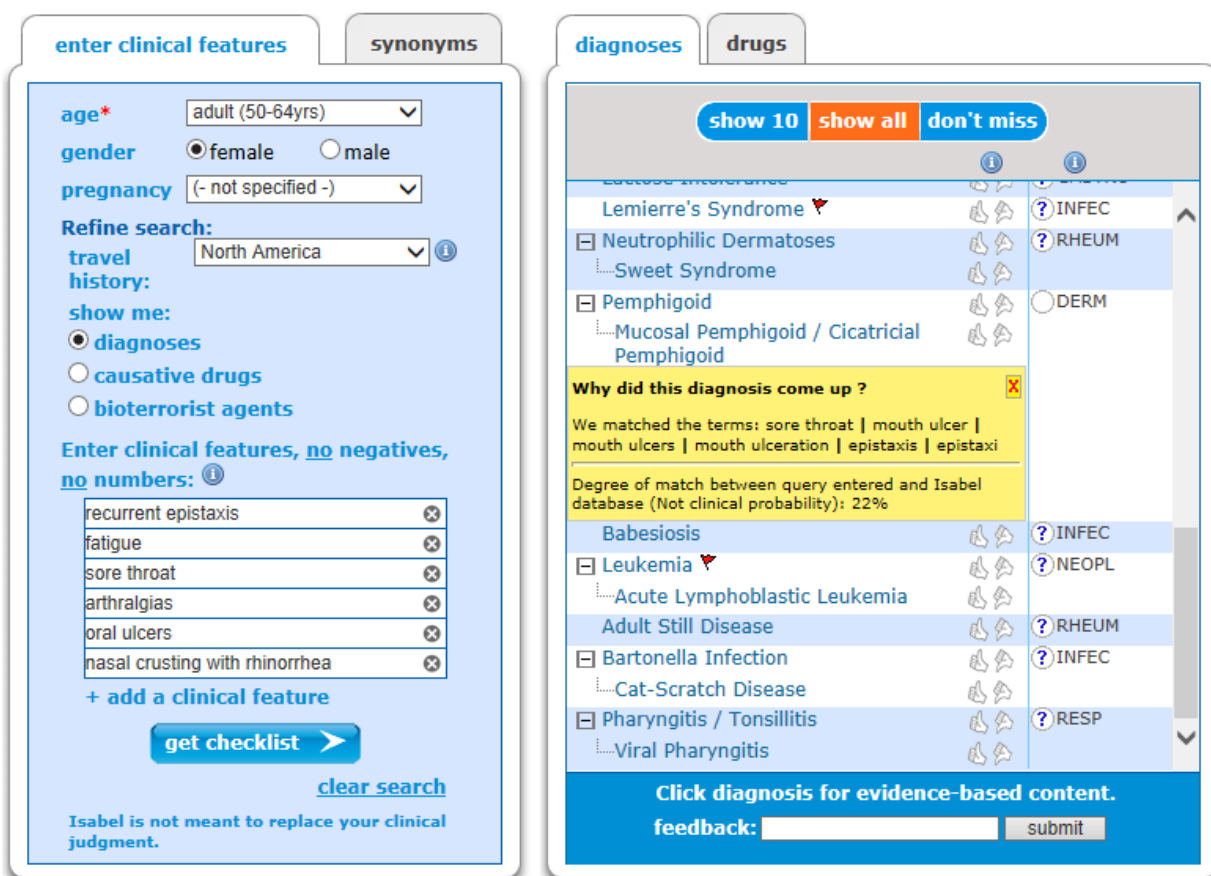
Differential Diagnoses of the case as given by Isabel:

- Herpes labialis in Gastroenterology
- Granulomatosis with polyangiitis in Rheumatology
- Behcet's disease in Rheumatology
- Erythema multiforme in Dermatology

Was the final diagnosis given by Isabel:

Yes, Mucosal pemphigoid under Pemphigoid in Dermatology

Isabel Checklist Differential:



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

enter clinical features panel:

- age*:** adult (50-64yrs)
- gender:** female male
- pregnancy:** (- not specified -)
- Refine search:** travel history: North America
- show me:**
 - diagnoses
 - causative drugs
 - bioterrorist agents
- Enter clinical features, no negatives, no numbers:**
 - recurrent epistaxis
 - fatigue
 - sore throat
 - arthralgias
 - oral ulcers
 - nasal crusting with rhinorrhea
- Buttons:** + add a clinical feature, get checklist, clear search
- Disclaimer:** Isabel is not meant to replace your clinical judgment.

diagnoses panel:

- Filters:** show 10, show all, don't miss
- Diagnosis List:**
 - Lemierre's Syndrome (INFEC)
 - Neutrophilic Dermatoses (RHEUM)
 - Sweet Syndrome
 - Pemphigoid (DERM)
 - Mucosal Pemphigoid / Cicatricial Pemphigoid
 - Babesiosis (INFEC)
 - Leukemia (NEOPL)
 - Acute Lymphoblastic Leukemia
 - Adult Still Disease (RHEUM)
 - Bartonella Infection (INFEC)
 - Cat-Scratch Disease
 - Pharyngitis / Tonsillitis (RESP)
 - Viral Pharyngitis
- Why did this diagnosis come up?:** We matched the terms: sore throat | mouth ulcer | mouth ulcers | mouth ulceration | epistaxis | epistaxi. Degree of match between query entered and Isabel database (Not clinical probability): 22%
- Footer:** Click diagnosis for evidence-based content. feedback: [input] submit