

**Case 1 (January 12 2012):** [N Engl J Med. 366\(2\):166-174](#)

**Demographic:** Male, 82 yrs, North America

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

skin lesions on hand  
dog bite  
hand erythema  
violaceous bullous hand lesion  
urticarial and purpuric rash on torso  
thrombocytopenia  
anemia  
leukocytoclastic vasculitis  
weight loss  
intermittent diarrhea

**Synonyms used by Isabel for the above query:**

thrombocytopenia  
anemia  
leukocytoclastic vasculitis  
weight loss

**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:**

Sweet's syndrome

**Final Diagnosis of the case according to NEJM:**

Pyoderma gangrenosum due to myelodysplastic syndrome

**Differential Diagnoses of the case as given by Isabel:**

Sweet's syndrome under Neutrophilic dermatoses in Rheumatology

**Was the final diagnosis given by Isabel:**

Yes, Pyoderma gangrenosum under Neutrophilic dermatoses in Rheumatology

**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:**

skin lesions on hand
dog bite
hand erythema
violaceous bullous hand lesion
urticarial and purpuric rash on torso
thrombocytopenia
anemia
leukocytoclastic vasculitis
weight loss
intermittent diarrhea

+ add a clinical feature

**get checklist** >

[clear search](#)

**diagnoses** | drugs

**Results**

sort by: most relevant | action: -select-

show: 10 / all

Sarcoidosis	thumbs up/down	? RESP
Meningococcal Disease	thumbs up/down	? INFEC
<input type="checkbox"/> Neutrophilic Dermatoses	thumbs up/down	<input type="radio"/> RHEUM
Pyoderma Gangrenosum	thumbs up/down	
Sweet Syndrome	thumbs up/down	
<b>Why did this diagnosis come up ?</b>		
We matched the terms: skin   lesions   lesion   hand   erythema   violaceous   violac   bite   bullous		
Degree of match between query entered and Isabel database (Not clinical probability): 70%		
Lyme Disease	thumbs up/down	? INFEC
Calciphylaxis in CRF	thumbs up/down	? DERM
<input checked="" type="checkbox"/> Salmonella Infections	thumbs up/down	? INFEC
<input checked="" type="checkbox"/> Megaloblastic Anemias	thumbs up/down	? HEMAT
<input checked="" type="checkbox"/> Lymphoma	thumbs up/down	? NEOPL
Acrodermatitis Enteropathica	thumbs up/down	? GASTRO
Henoch-Schonlein Purpura	thumbs up/down	? RHEUM

[view all](#)

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