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**Case 28 (September 13 2012):** [N Engl J Med. 367\(11\):1046-1057](#)

**Demographic:** Female, 30 years, Not pregnant, North America

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

shock  
abdominal wall necrosis  
post-cesarean  
high fever  
erythema  
persistent leucocytosis  
hypogammaglobulinemia  
sinusitis

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

erythema  
sinusitis

**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:**

Necrotising fasciitis  
CVID

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

Sweet's syndrome

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

Necrotising fasciitis in Dermatology  
CVID in Immunology

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

Yes, Sweet's syndrome under Neutrophilic dermatoses in Rheumatic

**Isabel Checklist Differential:**

**enter clinical features**      **synonyms**

age\*    adult (30-39yrs) ▾

gender     female     male

pregnancy    not-pregnant ▾

**Refine search:**

travel    North America ▾ ⓘ

history:

show me:

**diagnoses**

causative drugs

bioterrorist agents

Enter clinical features, **no negatives, no numbers:** ⓘ

shock	✕
abdominal wall necrosis	✕
post cesarean	✕
high fever	✕
erythema	✕
persistent leucocytosis	✕
hypogammaglobulinemia	✕
sinusitis	✕

+ add a clinical feature

**get checklist** ➔

[clear search](#)

Isabel is not meant to replace your clinical

**diagnoses**      **drugs**

**show 10**    **show all**    **don't miss**      action: -select- ▾

<input checked="" type="checkbox"/> Systemic Lupus Erythematosus	👤👤	? RHEUM
Nocardia Infection	👤👤	? INFE
Surgical Abscesses	👤👤	? INFE
<input checked="" type="checkbox"/> Bartonellosis	👤👤	? INFE
<input checked="" type="checkbox"/> Drug Overdose/Poisoning ▼	👤👤	? TOX
<input checked="" type="checkbox"/> Group A Streptococcus	👤👤	? INFE
Influenza Viruses	👤👤	? INFE
COVID	👤👤	? IMMUNO
<input checked="" type="checkbox"/> Inflammatory Bowel Disease	👤👤	? GASTRO
MRSA	👤👤	? INFE
<input checked="" type="checkbox"/> Aspergillosis	👤👤	? INFE
Endometriosis	👤👤 ♀	? GYNE
<input type="checkbox"/> Neutrophilic Dermatoses	👤👤	○ RHEUM
Sweet Syndrome	👤👤	

**Why did this diagnosis come up ?** ⓘ

We matched the terms: abdominal | abdomin | wall | necrosis | necrosi | post | cesarean

Degree of match between query entered and Isabel database (Not clinical probability): 45%

**Click diagnosis for evidence-based content.**

feedback: