

Case 24 (August 08 2013): [N Engl J Med. 369\(6\):559-569](#)

Demographic: Female, 53 years, North America

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

persistent erythroderma
lymphadenopathy
diffuse pruritic body rash
fever
diffuse itching
progressive alopecia
persistent eosinophilia
recurrent skin infections
elevated CD4+ count

Synonyms used by Isabel for the above query:

lymphadenopathy
fever
diffuse itching
progressive alopecia

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:

Atopic dermatitis
Hypereosinophilic syndrome

Final Diagnosis of the case according to NEJM:

Sezary Syndrome

Differential Diagnoses of the case as given by Isabel:

Atopic dermatitis in Allergy
Hypereosinophilic syndrome under Eosinophilic lung disease in Respiratory

Was the final diagnosis given by Isabel causative drugs:

Yes, Mycosis Fungoides/Sezary syndrome under cutaneous lymphoma in Dermatology

Isabel Checklist Differential:

enter clinical features | synonyms

age*

gender female male

pregnancy

Refine search:

travel history:

show me:

diagnoses

causative drugs

bioterrorist agents

Enter clinical features, no negatives, no numbers: ⓘ

persistent erythroderma	✕
lymphadenopathy	✕
diffuse pruritic body rash	✕
fever	✕
diffuse itching	✕
progressive alopecia	✕
persistent eosinophilia	✕
recurrent skin infections	✕
elevated CD count	✕

+ add a clinical feature

get checklist >

diagnoses | drugs

show 10 | **show all** | **don't miss**

+ SLE	👍👎	🔍 RHEUM
Infectious Mononucleosis	👍👎	🔍 INFEC
Tularemia	👍👎	🔍 INFEC
CMV Infections	👍👎	🔍 INFEC
- Cutaneous Lymphoma	👍👎	🔍 DERM
Mycosis Fungoides	👍👎	
Why did this diagnosis come up ? ⓘ		
We matched the terms: fever fevers feverish feverishness alopecia alopecia areata alopecia circumscripta alopecia celsi rash infections infect elevated elevated temperature elevated body temperature elevated temp elev cd cazenaves vitiligo celsus vitiligo count erythroderma		
Degree of match between query entered and Isabel database (Not clinical probability): 48%		
Cutaneous Vasculitis	👍👎	🔍 RHEUM
+ HIV / AIDS	👍👎	🔍 INFEC

[view all](#)

Click diagnosis for evidence-based content.

feedback: **submit**