

**Case 11 (April 12 2012): [N Engl J Med. 366\(15\):1434 -1443](#)**

**Demographic:** Male, 60 yrs, North America

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

weakness  
renal failure  
fatigue  
myalgias  
tachypnea  
fever  
erythematous, blanching trunk macules  
purpuric macules on fingers and toes  
rhabdomyolysis  
hypotension  
altered mental status

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

weakness  
renal failure  
fatigue  
myalgias  
tachypnea  
fever  
erythematous  
hypotension  
altered mental status

**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:***

Meningococccemia

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

Rocky mountain spotted fever

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

Meningococemia in Infectious

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

Yes, Rocky mountain spotted fever in Infectious

**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:

- weakness
- renal failure
- fatigue
- myalgias
- tachypnea
- fever
- erythematous, blanching trunk macules
- purpuric rash on fingers and toes
- rhabdomyolysis
- hypotension
- altered mental status

+ add a clinical feature

**get checklist** >

**diagnoses** | drugs

show 10 | show all | don't miss | action: -select-

Endocarditis				CARDIO
Lyme Disease				INFECTION
Salmonella Infections				INFECTION
Sarcoidosis				RESP
Cryoglobulinemia				RHEUM
Meningococcal Infections				INFECTION
Rocky Mountain Spotted Fever				INFECTION

**Why did this diagnosis come up ?**

We matched the terms: renal failure | malaise | lethargy | lethargic | myalgia | myalgias | myalgic | fever | fevers | feverish | hypotension | trunk | rash | macules | macul | toes | toe | blanch | blanching

Degree of match between query entered and Isabel database (Not clinical probability): 61%

Renal Failure				NEPHRO
Stevens-Johnson Syndrome				DERM
Bacterial Meningitis				INFECTION

[view all](#)

Click diagnosis for evidence-based content.

feedback: