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**Case 7 (March 08 2012):** [N Engl J Med. 366\(10\):944-954](#)

**Demographic:** Male, 79 yrs, North America

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

leg pain and weakness  
tingling in legs  
difficulty walking  
hematuria  
muscle tenderness  
elevated creatine kinase  
positive ANA  
statins

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

difficulty walking  
hematuria  
muscle tenderness  
elevated creatine kinase  
positive ANA

**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:**

Dermatomyositis

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

Necrotizing noninflammatory myopathy consistent with exposure to statins

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

Dermatomyositis in Rheumatology

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

Yes, Toxic myopathy in Neuromuscular

**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: ⓘ

leg pain and weakness	✕
tingling in legs	✕
difficulty walking	✕
hematuria	✕
muscle tenderness	✕
elevated creatine kinase	✕
positive ANA	✕
statins	✕

+ add a clinical feature

**get checklist** ➔

[clear search](#)

**diagnoses** | drugs

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

**Toxic Myopathy** ⓘ ⓘ  NEURO/MUSC

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

We matched the terms: difficulty walking | muscle tenderness | elevated creatine kinase | leg | legs | pain | weakness | weak | tingling | tingl | statins | statin

Degree of match between query entered and Isabel database (Not clinical probability): 100%

Transient Ischemic Attack ▼	👍👎	🔍 NEURO
Antiphospholipid Syndrome	👍👎	🔍 RHEUM
Thiamine Deficiency	👍👎	🔍 NUTRI
Megaloblastic Anemias	👍👎	🔍 HEMAT
Diabetic Neuropathy	👍👎	🔍 NEURO
CVA / Stroke ▼	👍👎	🔍 NEURO
Sjogren's Syndrome	👍👎	🔍 RHEUM
Arachnoid Cysts	👍👎	🔍 NEURO
Aortic Aneurysm / Dissection ▼	👍👎	🔍 VASC

[view all](#)

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

feedback: