

Case 36 (November 20 2008): [N Engl J Med. 359\(21\):2267-2278](#)

Demographic: Male, 59 yrs, America North, General speciality

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

chronic daily headache
myalgia
muscle spasms
weakness
fatigue
difficulty sleeping
anxiety
daily fevers
night sweats
dry mouth at night
polydipsia
polyuria
jaw claudication
pitting edema of legs
nausea

Synonyms used by Isabel for the above query:

chronic daily headache
difficulty sleeping
fatigue
jaw claudication
myalgia
night sweats
polydipsia
muscle spasms
dry mouth at night
fevers
anxiety
polyuria

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:

Wegener's Granulomatosis
Sjogren's Syndrome

Final Diagnosis of the case according to NEJM:

Giant Cell Arteritis

Differential Diagnoses of the case as given by Isabel:

Wegener's Granulomatosis – under Rheumatic diseases heading
Sjogren's Syndrome – under Rheumatic diseases heading

Was the final diagnosis given by Isabel:

Yes, Giant Cell Arteritis – under Rheumatic diseases heading

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Isabel Differential:

<p>+ INFECTIOUS DISEASES << click to expand</p> <p><input type="checkbox"/> Influenza and Parainfluenza Viruses ? RD</p>	<p>+ ENDOCRINE SYSTEM << click to expand</p> <p><input type="checkbox"/> Diabetic Ketoacidosis ? RD</p>
<p>+ CARDIAC DISORDERS << click to expand</p> <p><input type="checkbox"/> Ischemic Heart Disease ? RD</p> <p><input type="checkbox"/> Endocarditis ? RD</p> <p><input type="checkbox"/> Heart Failure / CHF ? RD</p>	<p>+ NEPHROLOGY << click to expand</p> <p><input type="checkbox"/> Renal Failure ? RD</p>
<p>+ RESPIRATORY DISORDERS << click to expand</p> <p><input type="checkbox"/> Atypical Pneumonia ? RD</p>	<p>+ NERVOUS SYSTEM DISORDERS << click to expand</p> <p><input type="checkbox"/> Diabetic Neuropathy ? RD</p>
<p>+ NEOPLASTIC DISEASES << click to expand</p> <p><input type="checkbox"/> Hodgkin's Disease ? RD</p>	<p>NUTRITIONAL DISORDERS</p> <p><input type="checkbox"/> Vit C Deficiency ? RD</p>
<p>- RHEUMATIC DISEASES >> click to collapse</p> <p><input type="checkbox"/> SLE ? RD</p> <p><input type="checkbox"/> Giant Cell Arteritis ? RD</p> <div style="border: 1px solid black; background-color: #ffff00; padding: 5px;"> <p>Why did this diagnosis come up ? ✖</p> <p>We matched the terms: malaise fatigue muscle ache muscle aches daili daily fever fevers night jaw claudic claudication</p> <hr/> <p>Degree of match between query entered and isabel database (Not clinical probability): 41%</p> </div> <p>Wegener's Granulomatosis ? RD</p> <p><input type="checkbox"/> Systemic Sclerosis ? RD</p> <p>Sjogren's Syndrome ? RD</p> <p>Antiphospholipid Syndrome ? RD</p> <p>Cryoglobulinemia ? RD</p> <p>Fibromyalgia ? RD</p> <p>Relapsing Polychondritis ? RD</p>	<p>+ TOXICOLOGY << click to expand</p> <p>+ OPHTHALMOLOGY << click to expand</p> <p>+ ENVIRONMENTAL HEALTH HAZARDS << click to expand</p> <p>+ IATROGENIC DISORDERS << click to expand</p>
<p>+ DERMATOLOGY << click to expand</p>	
<p>+ ALLERGIC DISORDERS << click to expand</p>	