

Case 4 (February 9 2012): [N Engl J Med. 366\(6\):553-560](#)

Demographic: Male, 37 yrs, North America

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

myalgias
diffuse muscle cramps
difficulty walking
muscle weakness
blurred vision
hyperthyroidism
hypokalemia

Synonyms used by Isabel for the above query:

myalgias
diffuse muscle cramps
difficulty walking
muscle weakness
blurred vision
hyperthyroidism
hypokalemia

STOP !

Before you read further you might want to construct your own:

- Final diagnosis

In the following section you will find:

- The final diagnosis of the case
- Did Isabel suggest the final diagnosis

Final Diagnosis of the case according to NEJM:

- (i) Graves' disease
- (ii) Thyrotoxic periodic paralysis

Was the final diagnosis given by Isabel:

Yes, (i) Graves disease under Hyperthyroidism in Endocrine
(ii) Thyrotoxic periodic paralysis under Periodic paralysis 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: ⓘ

myalgias	✕
diffuse muscle cramps	✕
difficulty walking	✕
muscle weakness	✕
blurred vision	✕
hyperthyroidism	✕
hypokalemia	✕

+ add a clinical feature

get checklist ➔

[clear search](#)

diagnoses | drugs

Results

sort by: most relevant | action: -select-

show: 10 / all ⓘ ⓘ

- Periodic Paralysis ⓘ ⓘ ○ NEURO/MUS ▲
- Thyrototoxic Periodic Paralysis ⓘ ⓘ
- Fam HypoK Periodic Paralysis ⓘ ⓘ

Why did this diagnosis come up ? ⓘ

We matched the terms: muscle ache | muscle aches | muscle aching | muscle cramp | muscle cramps | muscle weakness | hyperthyroidism | hyperthyroidisms | hypokalemia | low potassium

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

Toxoplasmosis	ⓘ ⓘ	? INFEC
CVA / Stroke ▼	ⓘ ⓘ	? NEURO
Eosinophilia-Myalgia Syndrome	ⓘ ⓘ	? IMMUNO
<input checked="" type="checkbox"/> Primary Adrenal Insufficiency ▼	ⓘ ⓘ	? ENDO
Celiac Disease	ⓘ ⓘ	? GASTRO
Lyme Disease	ⓘ ⓘ	? INFEC
<input checked="" type="checkbox"/> Environmental / Work Exposure	ⓘ ⓘ	? TOX
Hashimoto's Thyroiditis	ⓘ ⓘ	? ENDO
<input checked="" type="checkbox"/> Intracranial Hematoma	ⓘ ⓘ	? NEURO
Toxic Myopathy	ⓘ ⓘ	? NEURO/MUS
Erdheim-Chester Disease	ⓘ ⓘ	? NEOPL

feedback: **submit**