

Case 40 (December 20 2007): [N Engl J Med. 357\(26\):2707-2715](#)

Demographic: Male, 38yrs, America North, General speciality

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

Weakness in hands
Cramping and decreased endurance in hands
Fatigue
Numbness in peripheries
Areflexia

Synonyms used by Isabel for the above query:

Fatigue

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:

Motor Neuron Disease
Multifocal Motor Neuropathy

Final Diagnosis of the case according to NEJM:

Multifocal motor neuropathy with conduction block.

Differential Diagnoses of the cases given by Isabel:

Motor Neuron Disease – Neuromuscular diseases heading
Multifocal Motor Neuropathy – Expand Neuromuscular diseases heading

Was the final diagnosis given by Isabel:



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Yes, expand Neuromuscular diseases heading

Isabel Differential:

Search Again / Refine Query		BIOTERRORISM DIFFERENTIAL	
INFECTIOUS DISEASES << click to expand	Viral Meningoencephalitis ? Related Dx	RESPIRATORY SYSTEM DISORDERS << click to expand	Lung Neoplasms ? Related Dx
GASTROINTESTINAL DISORDERS << click to expand	Celiac Disease ? Related Dx	SHOCK STATES	Hypovolemic Shock ? Related Dx
RHEUMATIC DISEASES << click to expand	Rheumatoid Arthritis ? Related Dx	VASCULAR DISORDERS	Peripheral Arterial Disease ? Related Dx
HEMATOLOGY << click to expand	Iron Deficiency Anemia ? Related Dx	CARDIAC DISORDERS	Infective Endocarditis ? Related Dx
NERVOUS SYSTEM DISORDERS << click to expand	Diabetic Neuropathy ? Related Dx	NEUROMUSCULAR DISORDERS >> click to collapse	Polyneuropathy Disorders ? Related Dx
NEOPLASTIC DISEASES	Colorectal Cancer ? Related Dx		Guillain-Barré Syndrome ? Related Dx
NEPHROLOGY << click to expand	Renal Failure ? Related Dx		Motor Neurone Disease ? Related Dx
ORTHOPEDIC DISORDERS	Hand and Wrist Ligament Injuries ? Related Dx		Hereditary Motor-Sensory Neuropathies ? Related Dx
HUMAN GENETICS	Down Syndrome / Trisomy 21 ? Related Dx		Multifocal Motor Neuropathy ? Related Dx
			Muscular Dystrophies ? Related Dx
			Spinal Muscular Atrophies ? Related Dx
			Myasthenia Gravis ? Related Dx
		ENDOCRINE SYSTEM << click to expand	Hypothyroidism ? Related Dx