

Case 14 (May 8 2008): [N Engl J Med. 358\(19\):2051-2059](#)

Demographic: Male, 78 yrs, America North, General speciality

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

anergia
anhedonia
depressed mood
poor concentration
psychomotor slowing
substantial disability
executive dysfunction

Synonyms used by Isabel for the above query:

anergia
depressed mood
poor concentration
executive dysfunction

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:

Major Depression
Vascular depression

Final Diagnosis of the case according to NEJM:

Major depressive disorder (with features of vascular depression) in a patient with cardiovascular disease.

Differential Diagnoses of the cases given by Isabel:

Major Depression
Vascular depression

Was the final diagnosis given by Isabel:

Yes, under Psychologic disorders heading



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Isabel Differential:

<p>PSYCHOLOGIC DISORDERS << click to expand</p> <p>Depression <input type="radio"/> Related Dx</p> <p>Why did this diagnosis come up ? <input type="button" value="x"/></p> <p>We matched the terms: depressed mood depression executive dysfunction anhedonia psychomotor slow slowing disabl disability</p> <p>Degree of match between query entered and isabel database (Not clinical probability): 70%</p> <ul style="list-style-type: none"> Major Depression Unipolar Depressive Disorders Vascular Depression <p>Bipolar Disorder <input type="radio"/> Related Dx</p> <p>Schizophrenia <input type="radio"/> Related Dx</p> <p>Seasonal Affective Disorder <input type="radio"/> Related Dx</p>	<p>NERVOUS SYSTEM DISORDERS << click to expand</p> <p>CVA / Stroke <input type="radio"/> Related Dx</p> <p>Intracranial Hypotension <input type="radio"/> Related Dx</p>
<p>ENDOCRINE SYSTEM << click to expand</p> <p>Hypothyroidism <input type="radio"/> Related Dx</p> <p>Type 1 Diabetes <input type="radio"/> Related Dx</p>	<p>RESPIRATORY DISORDERS << click to expand</p> <p>COPD <input type="radio"/> Related Dx</p> <p>Lung Neoplasms <input type="radio"/> Related Dx</p>
<p>NEUROMUSCULAR DISORDERS << click to expand</p> <p>Proximal Hereditary Motor Neuropathy <input type="radio"/> Related Dx</p>	<p>INFECTIOUS DISEASES << click to expand</p> <p>Brucellosis <input type="radio"/> Related Dx</p>
<p>DERMATOLOGY << click to expand</p> <p>Nephrogenic Systemic Fibrosis <input type="radio"/> Related Dx</p>	<p>TOXICOLOGY << click to expand</p> <p>Substance Abuse <input type="radio"/> Related Dx</p>
<p>GERIATRIC MEDICINE << click to expand</p> <p>Geriatric Failure to Thrive <input type="radio"/> Related Dx</p>	<p>HEMATOLOGY << click to expand</p> <p>Iron Deficiency Anemia <input type="radio"/> Related Dx</p>
<p>ORTHOPEDIC DISORDERS << click to expand</p> <p>Malignant Bone Tumors <input type="radio"/> Related Dx</p>	<p>UROLOGIC DISORDERS</p> <p>Prostatic Hyperplasia <input type="radio"/> Related Dx</p>
<p>HUMAN GENETICS</p> <p>Fragile X Syndrome <input type="radio"/> Related Dx</p>	<p>LIVER DISORDERS</p> <p>Hepatocellular Failure <input type="radio"/> Related Dx</p>
<p>RHEUMATIC DISEASES</p> <p>Rheumatoid Arthritis <input type="radio"/> Related Dx</p>	<p>TRAUMA INJURIES</p> <p>Head Injury <input type="radio"/> Related Dx</p>
<p>METABOLIC DISEASES</p> <p>Alcaptonuria <input type="radio"/> Related Dx</p>	<p>IMMUNOLOGIC SYSTEM</p> <p>Eosinophilia-Myalgia Syndrome <input type="radio"/> Related Dx</p>
<p>ENVIRONMENTAL HEALTH HAZARDS</p> <p>Localized Irradiation <input type="radio"/> Related Dx</p>	