

Case 26 (August 25 2005): [N Engl J Med 2005;353:824-32](#)

Demographic: Male, 48 yrs, America North, General speciality

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

sudden loss of consciousness on exertion

Synonyms used by Isabel for the above query:

none

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:

Syncope - Cardiogenic syncope

Seizure

Final Diagnoses of the case according to NEJM:

Syncope due to arrhythmia associated with hypertrophic cardiomyopathy

Differential Diagnoses of the case as given by Isabel:

Hypertrophic cardiomyopathy (Cardiomyopathy) – Isabel 1st page

Cardiac syncope – Isabel 1st page

Seizure disorders – click on nervous system disorders heading

Was the final diagnosis given by Isabel:

Yes, Isabel 1st page

Entire presentation cut and pasted into the Isabel query box:

Hypertrophic cardiomyopathy (Cardiomyopathy) – Isabel 1st page

Isabel differential:

CARDIAC DISORDERS << [Click here](#)

- ↳ [Ischemic Heart Disease](#) RD
- ↳ [Cardiomyopathy](#) RD
- ↳ [Conduction Defects](#) RD
- ↳ [Pericardial Effusion / Tamponade](#) RD
- ↳ [Ventricular Tachyarrhythmias](#) RD

INFECTIOUS DISEASES << [Click here](#)

- ↳ [Bacterial Meningitis](#) RD

DERMATOLOGY << [Click here](#)

HEMATOLOGY << [Click here](#)

RHEUMATIC DISEASES << [Click here](#)

GASTROINTESTINAL DISORDERS << [Click here](#)

TRAUMA INJURIES << [Click here](#)

TOXICOLOGY << [Click here](#)

NERVOUS SYSTEM DISORDERS << [Click here](#)

- ↳ [Intracranial Hemorrhage](#) RD
- [CVA / Stroke](#) RD
- ↳ [Syncope Disorders](#) RD

NEPHROLOGY << [Click here](#)

- [Arteriolar Nephrosclerosis](#) RD

PSYCHOLOGIC DISORDERS << [Click here](#)

RESPIRATORY SYSTEM DISORDERS << [Click here](#)

LIVER DISORDERS << [Click here](#)

NEOPLASTIC DISEASES << [Click here](#)

ENDOCRINE SYSTEM << [Click here](#)

ALLERGIC DISORDERS << [Click here](#)