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Case 40 (December 30 2010): [N Engl J Med. 363\(27\):2652-2661](#)

Demographic: Female, 68 yrs, Middle East

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

substernal chest pain
diaphoresis
weakness
jugular venous distention
bradycardia

Synonyms used by Isabel for the above query:

diaphoresis
weakness
jugular venous distension
bradycardia
substernal chest pain

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:

Angina pectoris
Pulmonary embolus
Aortic dissection

Final Diagnosis of the case according to NEJM:

- (i) Cardiogenic shock
- (ii) Acute myocardial infarction

Differential Diagnoses of the case as given by Isabel:

- Angina pectoris in Cardiac
- Pulmonary embolus in Respiratory
- Aortic dissection under Arterial aneurysms in Vascular

Was the final diagnosis given by Isabel:

- Yes, (i) Cardiogenic shock in Shock
- (ii) Acute myocardial infarction under Ischemic heart disease in Cardiac

Isabel 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: ⓘ

| |
|---------------------------|
| substernal chest pain |
| diaphoresis |
| weakness |
| jugular venous distension |
| bradycardia |

+ add a clinical feature

Isabel is not meant to replace your clinical judgment.

diagnoses

Most Relevant

sort by: action:

show: New!

| | |
|--|----------|
| <input type="checkbox"/> Pulmonary Thromboembolism | ? RESP |
| └ Pulmonary Embolism and Infarction | |
| └ Cardiogenic Shock | ? SHOCK |
| <p>Why did this diagnosis come up ?</p> <p>We matched the terms: chest pain chest pain midline substernal chest pain substernal chest pains diaphoresis weakness jugular venous distention</p> <p>Degree of match between query entered and Isabel database (Not clinical probability): 79%</p> | |
| <input type="checkbox"/> Ischemic Heart Disease | ? CARDIO |
| └ Myocardial Infarction / Acute Coronary Syndrome | |
| └ Angina | |
| └ Unstable Angina | |
| <p>Why did this diagnosis come up ?</p> <p>We matched the terms: chest heaviness diaphoresis weakness jugular venous distention</p> <p>Degree of match between query entered and Isabel database (Not clinical probability): 77%</p> | |
| <input type="checkbox"/> Aortic Aneurysm / Dissection | ? VASC |

feedback: