

Case 8 (March 15 2007): [N Engl J Med 2007;356:1153-62](#)

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

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

pleuritic chest pain
diffuse ST-segment elevations
leukocytosis
tachycardic
elevated erythrocyte sedimentation rate
elevation of cardiac biomarkers
fever
bacteremia
elevated levels of troponin
elevated Creatine kinase

Synonyms used by Isabel for the above query:

Leucocytosis
Fever
Pleuritic chest pain
Elevated Creatine kinase
Elevated erythrocyte sedimentation rate

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:

Pericarditis - Acute Pericarditis / Myopericarditis

Myocarditis

Right ventricular dysplasia

Final Diagnosis of the case according to NEJM:

Bacterial myopericarditis

Differential Diagnoses of the case as given by Isabel:

Pericarditis – Isabel 1st page

Myocarditis – Isabel 1st page

Was the final diagnosis given by Isabel:

Yes, Isabel 1st page

Entire presentation cut and pasted into the Isabel query box:

Pericarditis – click on Cardiac disorders heading

Isabel differential:

| | |
|--|---|
| RESPIRATORY SYSTEM DISORDERS << Click here + Lung Neoplasms RD + Bacterial Pneumonia RD | CARDIAC DISORDERS << Click here + Myocarditis RD + Ischemic Heart Disease RD + Pericarditis RD |
| INFECTIOUS DISEASES << Click here Yersinia Infection RD | NERVOUS SYSTEM DISORDERS << Click here + Spinal Infections RD |
| IMMUNOLOGIC SYSTEM << Click here | LIVER DISORDERS << Click here + Liver Abscess RD |
| ENDOCRINE SYSTEM << Click here | GASTROINTESTINAL DISORDERS << Click here + Intestinal Obstruction RD Acute Appendicitis RD |
| RHEUMATIC DISEASES << Click here | SHOCK STATES << Click here |
| TOXICOLOGY << Click here | DERMATOLOGY << Click here |
| | TRAUMA INJURIES << Click here |

