



www.isabelhealthcare.com

Case 39 (December 17 2009): [N Engl J Med. 361\(25\):2462-2473](#)

Demographic: Female, 28 yrs, Pregnant, America North, General speciality

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

retrosternal chest discomfort
shortness of breath
myalgias
fatigue
tachycardia
decreased breath sounds
orthopnea
widened mediastinum

Synonyms used by Isabel PRO for the above query:

shortness of breath
orthopnea
tachycardia
fatigue
myalgias
widened mediastinum
discomfort

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 PRO contain
- Did Isabel PRO suggest the Final diagnosis

Isabel Healthcare Inc

3120 Fairview Park Drive, Suite 200, Falls Church, VA 22042

Tel: +1.703.289.8855



www.isabelhealthcare.com

Differential Diagnoses considered by the MGH panel:

- Hypertension
- Pre-eclampsia
- Coronary artery dissection
- Peripartum cardiomyopathy

Final Diagnosis of the case according to NEJM:

Mediastinal large B-cell lymphoma

Differential Diagnoses of the case as given by Isabel PRO:

Peripartum cardiomyopathy – under Cardiac disorders.

Was the final diagnosis given by Isabel PRO:

Yes, Mediastinal large B cell lymphoma under Non-hodgkins lymphoma in Neoplastic diseases.

Isabel PRO Final Diagnosis:

The screenshot displays the Isabel PRO interface with two main panels. The left panel, titled 'ENTER CLINICAL FEATURES', includes dropdown menus for age (young adult (16 - 30 years)), gender (female), pregnancy (- not specified -), region (America North), and speciality (General). Below these are text input fields for clinical features: retrosternal chest discomfort, shortness of breath, myalgias, fatigue, tachycardia, decreased breath sounds, orthopnea, and widened mediastinum. A 'Get Checklist »' button and a 'Search Again' link are also present. The right panel, titled 'DEGREE OF MATCH', shows '47 DIAGNOSES- DEGREE OF MATCH'. The top results include 'Cardiogenic Shock', 'Pneumothorax Conditions', and 'Non-Hodgkin's Lymphoma'. Under 'Non-Hodgkin's Lymphoma', 'Mediastinal Large B Cell Lymphoma' is highlighted in red. Below the diagnoses is a list of '11 Body Systems' including Respiratory Disorders, Cardiac Disorders, Rheumatic Diseases, Infectious Diseases, Gastrointestinal Disorders, Shock States, Hematology Disorders, Endocrine Disorders, Vascular Disorders, Neoplastic Diseases, and Environmental Health Disorders. A 'SHOW ALL DIAGNOSES' link is at the bottom.

Isabel Healthcare Inc

3120 Fairview Park Drive, Suite 200, Falls Church, VA 22042

Tel: +1.703.289.8855