
**Demographic:** Female, 33 yrs, Pregnant, America North, General speciality

**Clinical features extracted from the case and entered into the query box:**
tender and enlarged breasts
tachycardia
echymosis over breasts
cough
shortness of breath on exertion
orthopnea
fever
elevated lactate dehydrogenase
unilateral jugular venous distention
axillary lymphadenopathy

**Synonyms used by Isabel for the above query:**
Tachycardia
Cough
Orthopnea
Fever

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:
Breast Cancer
Lymphomas

Final Diagnosis of the case according to NEJM:
Diffuse large-B-cell lymphoma, consistent with primary mediastinal large-B-cell lymphoma, with involvement of breast and ovary.

Differential Diagnoses of the case as given by Isabel:
Breast cancer – under Gynecological disorders heading
Diffuse large-B-cell lymphoma – Under Neoplastic diseases heading

Was the final diagnosis given by Isabel:
Yes, under – under Neoplastic diseases heading