

Case 16 (May 24 2007): [N Engl J Med 2007; 356\(21\):2185-2193.](#)

Demographic: Male, 61 yrs, America North, General speciality

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

chest pain
anterior mediastinal mass

Synonyms used by Isabel for the above query:

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:

Lymphoma
Thymoma

Final Diagnosis of the case according to NEJM:

Thymoma

Differential Diagnoses of the case as given by Isabel:

Thymic neoplasms / Thymomas – Isabel 1st page
Non- Hodgkins Lymphoma - Isabel 1st page
Hodgkins disease – click on Neoplastic diseases heading

Was the final diagnosis given by Isabel:

Yes, Isabel 1st page

Entire presentation cut and pasted into the Isabel query box:

NHL – click on Neoplastic diseases heading

Isabel differential:

RESPIRATORY SYSTEM DISORDERS << Click here	RHEUMATIC DISEASES << Click here
<ul style="list-style-type: none"> + Thymic Neoplasms RD + Lung Neoplasms RD Sarcoidosis RD Neurogenic Tumors RD Lung Collapse RD Diaphragmatic Paralysis RD 	<ul style="list-style-type: none"> Lymphomatoid Granulomatosis RD
VASCULAR DISORDERS << Click here	GASTROINTESTINAL DISORDERS << Click here
HEMATOLOGY << Click here	<ul style="list-style-type: none"> Hiatus / Diaphragmatic Hernia RD
	NEOPLASTIC DISEASES << Click here
	<ul style="list-style-type: none"> Non-Hodgkin's Lymphoma RD Carcinoid Cancer RD
	CARDIAC DISORDERS << Click here
	INFECTIOUS DISEASES << Click here
	TRAUMA INJURIES << Click here