

Case 21 (July 14 2011): [N Engl J Med. 365\(2\):158-167](#)

Demographic: Male, 31 yrs, North America

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

difficulty swallowing
choking
regurgitation
intermittent heartburn
morning cough
dysphagia
mediastinal mass

Synonyms used by Isabel for the above query:

difficulty swallowing
choking
dysphagia
mediastinal mass

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:

Esophageal cancer

Final Diagnosis of the case according to NEJM:

Adenocarcinoma of the lung (non small cell lung cancer)

Differential Diagnoses of the case as given by Isabel:

Esophageal neoplasms in Neoplastic

Was the final diagnosis given by Isabel:

Yes, Non small cell lung cancer under Lung neoplasms in Respiratory

Isabel Checklist 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: ⓘ

difficulty swallowing
choking
regurgitation
intermittent heartburn
morning cough
dysphagia
mediastinal mass

+ add a clinical feature

get checklist >

[clear search](#)

diagnoses | drugs

Results

sort by: most relevant | action: -select-

show: 10 / all ⓘ ⓘ

<input checked="" type="checkbox"/> Esophageal Neoplasms	👍👎	ⓘ NEOPL
Gastroesophageal Reflux	👍👎	ⓘ GASTRO
<input checked="" type="checkbox"/> Esophagitis Disorders	👍👎	ⓘ GASTRO
<input type="checkbox"/> Lung Neoplasms ▼	👍👎	○ RESP
Non-Small Cell Lung Cancer	👍👎	
Bronchogenic Carcinoma	👍👎	
Why did this diagnosis come up ? ⓘ		
We matched the terms: dysphagia dysphagia to solids swallowing difficulty swallowing difficulties difficulty swallowing difficulty swallowing saliva mediastinal mass mediastinal masses morning morn cough		
Degree of match between query entered and Isabel database (Not clinical probability): 45%		
Esophageal Diverticula	👍👎	ⓘ GASTRO
<input checked="" type="checkbox"/> Thymic Neoplasms	👍👎	ⓘ RESP
Achalasia	👍👎	ⓘ GASTRO
Asthma	👍👎	ⓘ RESP
Hodgkin's Disease	👍👎	ⓘ NEOPL
<input checked="" type="checkbox"/> Aortic Aneurysm / Dissection ▼	👍👎	ⓘ VASC

[view all](#)

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