
**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, no negatives, no numbers:
- Difficulty swallowing
- Choking
- Regurgitation
- Intermittent heartburn
- Morning cough
- Dysphagia
- Mediastinal mass

Refine search:
- Travel: North America

Show me:
- Diagnoses
- Causative drugs
- Bioterrorist agents

Gender: □ Female □ Male

Age: Adult (30-39 yrs)

Why did this diagnosis come up?
We matched the term: 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%