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**Case 28 (September 15 2011):** [N Engl J Med. 365\(11\):1043-1050](#)

**Demographic:** Male, 74 yrs, North America

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

hoarseness  
cough with yellow sputum  
persistent fatigue  
dysuria  
pulmonary nodules  
weight loss  
headaches

**Synonyms used by Isabel for the above query:**

hoarseness  
dysuria  
pulmonary nodules  
weight loss  
headaches

**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  
Lymphomatoid granulomatosis

**Final Diagnosis of the case according to NEJM:**

Cryptococcal infection of the lung and central nervous system

**Differential Diagnoses of the case as given by Isabel:**

Lymphoma in Neoplastic  
Lymphomatoid granulomatosis in Rheumatic

**Was the final diagnosis given by Isabel:**

- Yes, (i) Cryptococcal pneumonia under Atypical pneumonia in Respiratory
- (ii) Cryptococcus neoformans in Infectious

**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: ⓘ

hoarseness	✕
cough with yellow sputum	✕
persistent fatigue	✕
dysuria	✕
pulmonary nodules	✕
weight loss	✕
headaches	✕

+ add a clinical feature

**get checklist** >

[clear search](#)

**diagnoses** | drugs

**Results**

sort by: most relevant | action: -select-

show: 10 / all ⓘ ⓘ

Lung Abscess ▼	👍👎	? RESP
Wegener's Granulomatosis	👍👎	? RHEUM
Sarcoidosis	👍👎	? RESP
Coccidioidomycosis	👍👎	? INFEC
Leukemia ▼	👍👎	? NEOPL
Lung Neoplasms ▼	👍👎	? RESP
<b>Cryptococcus Neoformans</b>	👍👎	? INFEC
Relapsing Polychondritis	👍👎	? RHEUM
Giant Cell Arteritis ▼	👍👎	? RHEUM
Brucellosis	👍👎	? INFEC
Pulmonary TB ▼	👍👎	? RESP
Hodgkin's Disease	👍👎	? NEOPL
Influenza Viruses	👍👎	? INFEC
Parainfluenza Virus	👍👎	
Lymphomatoid Granulomatosis	👍👎	? RHEUM
Pyelonephritis ▼	👍👎	? NEPHRO
Viral Hepatitis	👍👎	? HEPATO
Atypical Pneumonia ▼	👍👎	? RESP
Cryptococcal Pneumonia	👍👎	
Pneumocystis Pneumonia ▼	👍👎	

feedback:  submit