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Case 31 (October 13 2011): [N Engl J Med. 365\(15\):1426-1435](#)

Demographic: Male, 55 yrs, North America

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

headaches
weakness
left sided facial droop
dyspnea on exertion
lung mass

Synonyms used by Isabel for the above query:

headaches
weakness
left sided facial droop
dyspnea on exertion

STOP !

Before you read further you might want to construct your own:

- Final diagnosis

In the following section you will find:

- The final diagnosis of the case
- Did Isabel suggest the final diagnosis

Final Diagnosis of the case according to NEJM:

Adenocarcinoma of the lung with EGFR mutation, metastatic to brain

Was the final diagnosis given by Isabel:

Yes, (i) Lung neoplasm in Respiratory
(ii) Brain neoplasm in Neuro

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: ⓘ

headaches	✕
weakness	✕
left sided facial droop	✕
dyspnea on exertion	✕
lung mass	✕

+ add a clinical feature

get checklist ➔

[clear search](#)

Isabel is not meant to replace your clinical judgment.

diagnoses | **drugs**

Results

sort by: most relevant | action: -select-

show: 10 / all ⓘ ⓘ

CVA / Stroke ▼	👍👎	? NEURO
Iron Deficiency Anemia ▼	👍👎	? HEMAT
Transient Ischemic Attack ▼	👍👎	? NEURO
Adiposita Dolorosa / Dercum's Disease	👍👎	? DERM
TTP	👍👎	? HEMAT
<input type="checkbox"/> Sarcoidosis	👍👎	? RESP
↳ Neurosarcoidosis	👍👎	
<input type="checkbox"/> Lung Neoplasms ▼	👍👎	○ RESP
↳ Non-Small Cell Lung Cancer	👍👎	
↳ Bronchogenic Carcinoma	👍👎	
Why did this diagnosis come up ? ⓘ		
We matched the terms: weakness weakness generalized weakness generalised doe lung mass		
Degree of match between query entered and Isabel database (Not clinical probability): 71%		
<input type="checkbox"/> Diseases of High Altitudes	👍👎	? ENVIRO
↳ Acute Mountain Sickness	👍👎	
Guillain-Barre Syndrome	👍👎	? NEURO/MUS
Intracranial Hypertension ▼	👍👎	? NEURO
Bell's Palsy	👍👎	? NEURO

feedback: **submit**