

Case 29 (September 20 2012): [N Engl J Med. 367\(12\):1136-1147](#)

Demographic: Male, 49 years, North America

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

fever
mouth pain
cranial nerve palsy
confused
lymphopenia
HPV

Synonyms used by Isabel for the above query:

fever
cranial nerve palsy
confused
lymphopenia
HPV

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:

Intracranial tuberculoma

Final Diagnosis of the case according to NEJM:

- (i) Squamous-cell carcinoma of the mouth with metastatic disease
- (ii) Cerebellum infarcts

Differential Diagnoses of the case as given by Isabel:

Intracranial tuberculoma (CNS tuberculosis) in Infectious

Was the final diagnosis given by Isabel:

- Yes, (i) Oral cancer in Gastro
- (ii) CVA/Stroke in Cardiac

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:

fever	✕
mouth pain	✕
cranial nerve palsy	✕
confused	✕
lymphopenia	✕
HPV	✕

+ add a clinical feature

get checklist >

[clear search](#)

Isabel is not meant to replace your clinical judgment.

diagnoses | **drugs**

show 10 | show all | don't miss | action: -select-

CVA / Stroke	👤👤👤	? NEURO
Atypical Pneumonia	👤👤👤	? RESP
Viral Meningoencephalitis	👤👤👤	? INFEC
Cryptococcus Neoformans	👤👤👤	? INFEC
HIV/AIDS	👤👤👤	? INFEC
Leukemia	👤👤👤	? NEOPL
CNS TB & TB Meningitis	👤👤👤	? INFEC
HIV Neuro Complications	👤👤👤	? NEURO
Lung Neoplasms	👤👤👤	? RESP
Arbovirus	👤👤👤	? INFEC
Intracranial Abscess	👤👤👤	? NEURO
Sjogren's Syndrome	👤👤👤	? RHEUM
Intracranial Hematoma	👤👤👤	? NEURO
Renal Failure	👤👤👤	? NEPHRO
Bacterial Meningitis	👤👤👤	? INFEC
Listeriosis	👤👤👤	? INFEC
Oral Cancer	👤👤👤	? GASTRO
Fungal Meningitis	👤👤👤	? INFEC
Rocky Mountain Spotted Fever	👤👤👤	? INFEC

Click diagnosis for evidence-based content.

feedback: