

Case 17 (May 31 2012): [N Engl J Med. 366\(21\):2018-2026](#)

Demographic: Male, 54 years, North America

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

loss of vision in right eye
brain mass
diplopia
dizziness
nystagmus
bilateral right inferior quadrantanopia

Synonyms used by Isabel for the above query:

diplopia
dizziness
nystagmus

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:

Transient ischemic attack

Final Diagnosis of the case according to NEJM:

Glioblastoma, WHO grade IV of IV, with methylation of the MGMT promoter

Differential Diagnoses of the case as given by Isabel:

Transient ischemic attack in Neuro

Was the final diagnosis given by Isabel:

Yes, Glioblastoma under brain neoplasms 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: ⓘ

loss of vision in right eye	✕
brain mass	✕
diplopia	✕
dizziness	✕
nystagmus	✕
bilateral right inferior quadrantanopia	✕

+ 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-

Brain Neoplasms ▾ NEURO

- ↳ Glioblastoma Multiforme / Anaplastic Astrocytoma
- ↳ Medulloblastoma

Why did this diagnosis come up ? ⓘ

We matched the terms: double vision | dizziness | dizzy | dizziness | vision | brain | mass | inferior | quadrantanopia

Degree of match between query entered and Isabel database (Not clinical probability): 100%

Transient Ischemic Attack ▾	NEURO
Paraneoplastic Neurologic Syndrome	NEURO
CVA / Stroke ▾	NEURO
Multiple Sclerosis	NEURO
Myasthenia Gravis	NEURO/MUS
Lymphoma	NEOPL
Migraine	NEURO
Lyme Disease	INFEC
Benign Paroxysmal Vertigo	NEURO

[view all](#)

Click diagnosis for evidence-based content.

feedback: