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**Case 34 (November 10 2011):** [N Engl J Med. 365\(19\):1825-1833](#)

**Demographic:** Male, 75 yrs, North America

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

memory loss  
episodes of near-syncope  
olfactory hallucination  
dysautonomia  
word finding difficulty  
seizures

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

memory loss  
episodes of near syncope  
word finding difficulty  
seizures

**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:**

Acquired epilepsy

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

Limbic encephalitis with antibodies to leucine-rich, glioma-inactivated 1 (LGI1)

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

Acquired epilepsy in Neuro

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

Yes, Limbic encephalitis 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: ⓘ

memory loss	✕
episodes of near-syncope	✕
olfactory hallucination	✕
dysautonomia	✕
word finding difficulty	✕
seizures	✕

+ add a clinical feature

get checklist ➤

[clear search](#)

diagnoses
drugs

Results

**sort by:** most relevant **action:** -select-

**show: 10 / all**

Alzheimer's Disease	👍👎 ?	NEURO
☑ Viral Meningoencephalitis	👍👎 ?	IN FEC
☑ Human Prion Diseases	👍👎 ?	NEURO
Limbic Encephalitis	👍👎 ?	IN FEC

**Why did this diagnosis come up ?** ⓘ

We matched the terms: memory loss | forgetfulness | memory impairment | forgetful | word finding difficulty | seizures | seizure | epilepsy | hallucination | hallucin

Degree of match between query entered and Isabel database (Not clinical probability): 86%

Frontotemporal Dementia	👍👎 ?	NEURO
Drop Attacks	👍👎 ?	NEURO
Progressive Multifocal Leucoencephalopathy	👍👎 ?	IN FEC
☑ Measles Infection	👍👎 ?	IN FEC
☑ Fungal Meningitis	👍👎 ?	IN FEC
CVA / Stroke	👍👎 ?	NEURO

[view all](#)

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