

**Case 33 (October 25 2012):** [N Engl J Med. 367\(17\):1637-1646](#)

**Demographic:** Female, 34 years, North America

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

altered mental status  
intermittent numbness  
panic attacks  
insomnia  
anxiety  
intermittent blurring of vision  
darkening of vision  
horizontal diplopia  
fatigue  
diminished hearing  
confusion  
lethargy  
heat intolerance  
increased thirst

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

altered mental status  
panic attacks  
insomnia  
anxiety  
fatigue  
confusion  
lethargy  
heat intolerance  
increased thirst

**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:***

Pancreatic neuroendocrine neoplasm, grade 1 (insulinoma)

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

Yes, Insulinoma under Pancreatic neoplasms in Neoplastic

**Isabel Checklist Differential:**

**enter clinical features** | synonyms

age\*

gender  female  male

pregnancy

**Refine search:**

travel

history:

show me:

diagnoses

causative drugs

bioterrorist agents

Enter clinical features, no negatives, no numbers:

altered mental status	✕
intermittent numbness	✕
panic attacks	✕
insomnia	✕
anxiety	✕
intermittent blurring of vision	✕
darkening of vision	✕
horizontal diplopia	✕
fatigue	✕
diminished hearing	✕
confusion	✕
lethargy	✕
heat intolerance	✕
increased thirst	✕

**diagnoses** | drugs

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

Pancreatic Neoplasms  NEOPL

↳ Insulinoma

**Why did this diagnosis come up ?**

We matched the terms: altered mental status | altered mental state | anxiety | confusion | loc | loss of consciousness | disorientation | heat intolerance | blurring | blur | vision | diminished | diminish | hearing | hear | heat sensitivity | heat

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

<input checked="" type="checkbox"/> Hyperthyroidism	? ENDO
Lyme Disease	? INFEC
<input checked="" type="checkbox"/> Intracranial Hematoma	? NEURO
<input checked="" type="checkbox"/> Fungal Meningitis	? INFEC
<input checked="" type="checkbox"/> Head Injury	? NEURO
<input checked="" type="checkbox"/> Megaloblastic Anemias	? HEMAT
Multiple Sclerosis	? NEURO
<input checked="" type="checkbox"/> Migraine	? NEURO
Thrombotic Thrombocytopenic Purpura	? HEMAT

[view all](#)

Click diagnosis for evidence-based content.

feedback:  submit