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Case 37 (December 09 2010): [N Engl J Med. 363\(24\):2352-2361](#)

Demographic: Female, 16 yrs, Not pregnant, North America

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

confusion
microangiopathic haemolytic anemia
thrombocytopenia
frontal headaches
palpitations
episodic nausea and vomiting
right sided weakness
unsteady gait
red cloudy urine
change in mental status
lupus nephritis

Synonyms used by Isabel for the above query:

confusion
thrombocytopenia
palpitations
right sided weakness
unsteady gait

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:

Hemolytic Uremic Syndrome

Final Diagnosis of the case according to NEJM:

Thrombotic Thrombocytopenic Purpura

Differential Diagnoses of the case as given by Isabel:

Hemolytic Uremic Syndrome in Nephro

Was the final diagnosis given by Isabel:

Yes, Thrombotic Thrombocytopenic Purpura in Hematology

Isabel 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:**

- confusion
- microangiopathic hemolytic anemia
- thrombocytopenia
- frontal headaches
- palpitations
- episodic nausea and vomiting
- right sided weakness
- unsteady gait
- red cloudy urine
- change in mental status
- lupus nephritis

+ add a clinical feature

diagnoses

Most Relevant

sort by: most relevant | action: -select-

show: 10 20 30 all

Antiphospholipid Syndrome	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> RHEUM
TTP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> HEMAT

Why did this diagnosis come up ?

We matched the terms: confusion | loc | loss of consciousness | low platelet count | low platelet | low platelets | thrombocytopenia | weakness | microangiopath | microangiopathic | hemolytic | hemolyt | anemia | headaches | headach | red | reduced level of consciousness | reduced alertness | urine | urin | mental | mental confusion | mentally dull | status

Degree of match between query entered and Isabel database (Not clinical probability): 90%

Iron Deficiency Anemia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> HEMAT
Hemolytic Uremic Syndrome	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> NEPHRO
Glomerulonephritis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> NEPHRO
SLE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> RHEUM
Lyme Disease	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> INFEC
Renal Failure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> NEPHRO
Cardiogenic Shock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> SHOCK
Acute Porphyria	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> METAB

feedback: submit