



Case 23 (July 23 2009): [N Engl J Med. 361\(4\):389-400](#)

Demographic: Male, 13yrs, America North, General speciality

Clinical features extracted from the case and entered into the query

box:

headache
nausea
seizures
hypertension
renal failure
fatigue
nausea
vomiting
facial and periorbital swelling
abdominal pain
disorientation
difficulty walking
hematuria
anemia
thrombocytopenia

Synonyms used by Isabel for the above query:

anemia
abdominal pain
disorientation
thrombocytopenia
difficulty in walking
headache
hematuria
hypertension
seizures
fatigue
renal failure
vomiting
swelling

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

Differential Diagnoses considered by the MGH panel:

Rapidly progressive glomerulonephritis

Final Diagnosis of the case according to NEJM:

Atypical hemolytic–uremic syndrome with complement factor H mutation

Differential Diagnoses of the case as given by Isabel:

Rapidly progressive glomerulonephritis – under Nephrology disorders

Was the final diagnosis given by Isabel:

Yes, Hemolytic Uremic Syndrome under Nephrology disorders.

Isabel Differential:

+ NEPHROLOGY DISORDERS << click to expand	
<input checked="" type="checkbox"/> Renal Failure	<input type="checkbox"/> RD
<input checked="" type="checkbox"/> Glomerulonephritis	<input type="checkbox"/> RD
<input type="checkbox"/> Hemolytic Uremic Syndrome	<input checked="" type="checkbox"/> RD
<div style="border: 1px solid black; background-color: #ffff00; padding: 5px;"> <p>Why did this diagnosis come up ?</p> <p>We matched the terms: anemia anemic abdominal pain abdominal pains thrombocytopenia hypertension tiredness tired renal failure vomiting swollen</p> <p>Degree of match between query entered and isabel database (Not clinical probability): 57%</p> </div>	
<input checked="" type="checkbox"/> Interstitial Nephritis	<input type="checkbox"/> RD
+ RESPIRATORY DISORDERS << click to expand	
<input checked="" type="checkbox"/> Sarcoidosis	<input type="checkbox"/> RD
NUTRITIONAL DISORDERS	
<input checked="" type="checkbox"/> Vit C Deficiency	<input type="checkbox"/> RD
+ ENVIRONMENTAL HEALTH DISORDERS << click to expand	
+ HEMATOLOGY DISORDERS << click to expand	
+ ENDOCRINE DISORDERS << click to expand	