



**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

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## 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:***

<b>+ NEPHROLOGY DISORDERS</b> << click to expand	
<input checked="" type="checkbox"/> <a href="#">Renal Failure</a>	<input type="checkbox"/> RD
<input checked="" type="checkbox"/> <a href="#">Glomerulonephritis</a>	<input type="checkbox"/> RD
<input type="checkbox"/> <a href="#">Hemolytic Uremic Syndrome</a>	<input type="checkbox"/> RD
<div style="border: 1px solid black; background-color: #ffffcc; padding: 5px;"> <p><b>Why did this diagnosis come up ?</b></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"/> <a href="#">Interstitial Nephritis</a>	<input type="checkbox"/> RD
<b>+ RESPIRATORY DISORDERS</b> << click to expand	
<input checked="" type="checkbox"/> <a href="#">Sarcoidosis</a>	<input type="checkbox"/> RD
<b>NUTRITIONAL DISORDERS</b>	
<input checked="" type="checkbox"/> <a href="#">Vit C Deficiency</a>	<input type="checkbox"/> RD
<b>+ ENVIRONMENTAL HEALTH DISORDERS</b> << click to expand	
<b>+ HEMATOLOGY DISORDERS</b> << click to expand	
<b>+ ENDOCRINE DISORDERS</b> << click to expand	