

**Case 21 (July 09 2009):** [N Engl J Med. 361\(2\):179-187](#)

**Demographic:** Female, 61yrs, America North, General speciality

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

weight loss  
nausea  
vomiting  
hypertension  
epigastric pain  
fatigue  
renal failure  
elevated sedimentation rate  
abdominal pain  
severe anemia  
burning eye pain

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

anemia  
abdominal pain  
elevated sedimentation rate  
burning eye pain  
hypertension  
weight loss  
fatigue  
epigastric pain  
renal failure  
vomiting

**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:**

Sarcoidosis  
Polyarteritis nodosa

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

Tubulointerstitial nephritis with uveitis (TINU syndrome)

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

Sarcoidosis – under Respiratory diseases  
Polyarteritis nodosa – under Rheumatic diseases

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

Yes, Tubulointerstitial nephritis with uveitis (TINU syndrome) – Interstitial nephritis under Nephrology

**Isabel Differential:**

- RHEUMATIC DISEASES >> click to collapse	+ GASTROINTESTINAL DISORDERS << click to expand
<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <a href="#">SLE</a> ? RD</li> <li><a href="#">Henoch-Schonlein Purpura</a> ? RD</li> <li><a href="#">Wegener's Granulomatosis</a> ? RD</li> <li><input checked="" type="checkbox"/> <a href="#">Giant Cell Arteritis</a> ? RD</li> <li><a href="#">Polyarteritis Nodosa</a> ? RD</li> <li><a href="#">Antiphospholipid Syndrome</a> ? RD</li> <li><a href="#">Cryoglobulinemia</a> ? RD</li> <li><a href="#">Churg-Strauss Syndrome</a> ? RD</li> <li><a href="#">Relapsing Polychondritis</a> ? RD</li> <li><a href="#">Marshall's Syndrome / PFAPA</a> ? RD</li> <li><a href="#">Microscopic Polyangiitis</a> ? RD</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <a href="#">Gastritis</a> ? RD</li> <li><a href="#">Celiac Disease</a> ? RD</li> </ul>
+ INFECTIOUS DISEASES << click to expand	- NEPHROLOGY DISORDERS >> click to collapse
<input checked="" type="checkbox"/> <a href="#">Salmonella Infections</a> ? RD	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <a href="#">Renal Failure</a> ? RD</li> <li><a href="#">Hemolytic Uremic Syndrome</a> ? RD</li> <li><input type="checkbox"/> <a href="#">Interstitial Nephritis</a> ○ RD</li> </ul>
+ NEOPLASTIC DISEASES << click to expand	<p><b>Why did this diagnosis come up ?</b></p> <p>We matched the terms: abdominal pain   abdominal pains   raised esr   increased bp   htn   weight loss   fatigue   renal failure   vomiting   nausea</p> <p>Degree of match between query entered and isabel database (Not clinical probability): 63%</p> <ul style="list-style-type: none"> <li>...Acute Interstitial Nephritis</li> <li>...Analgesics Nephropathy</li> <li>...Chronic Interstitial Nephritis</li> <li>...Drug and Toxin-Induced Nephropathy</li> <li>...Gold and Penicillamine Nephropathy</li> <li>...Radiation Nephropathy</li> <li>...<b>TINU Syndrome</b></li> <li>...Goodpasture's Syndrome ? RD</li> </ul>
+ TOXICOLOGY DISORDERS << click to expand	+ ENDOCRINE DISORDERS << click to expand
<input checked="" type="checkbox"/> <a href="#">Drug Overdose/Poisoning</a> ? RD	<input checked="" type="checkbox"/> <a href="#">Neoplasms of the Kidney</a> ? RD
+ CARDIAC DISORDERS << click to expand	+ LIVER DISORDERS << click to expand
- RESPIRATORY DISORDERS >> click to collapse	+ HEMATOLOGY DISORDERS << click to expand
<input checked="" type="checkbox"/> <a href="#">Sarcoidosis</a> ? RD	<input checked="" type="checkbox"/> <a href="#">Hyperthyroidism</a> ? RD
+ DERMATOLOGY DISORDERS << click to expand	