

Case 31 (October 11 2007): [N Engl J Med. 357\(15\):1531-1541](#)

Demographic: Male, 41 yrs, America North, General speciality

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

lower quadrant abdominal pain
nausea
increased creatinine
chills
fatigue
hiccupping
headache
myalgias
oliguria
dry oral mucous membranes
distended abdomen
hematuria
proteinuria

Synonyms used by Isabel for the above query:

lower quadrant abdominal pain
increased creatinine
fatigue
headache
myalgias
oliguria
distended abdomen
hematuria
proteinuria

STOP !

Before you read further you might want to construct your own:

- Complete differential diagnosis
- Final diagnosis



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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:

Acute tubular necrosis - NSAIDS
Hantavirus infection

Final Diagnosis of the case according to NEJM:

Acute tubular injury (acute tubular necrosis) and glomerular podocyte injury, both caused by NSAIDs in association with dehydration.

Differential Diagnoses of the case as given by Isabel:

Acute Renal failure - Isabel top 10
Hantavirus infection – click on Infectious diseases heading
Analgesics Nephropathy – click on Nephrology heading, under Interstitial Nephritis
Causative Drugs – NSAIDs – click on Analgesics heading

Was the final diagnosis given by Isabel:

Yes, Isabel top 10

Isabel Differential:



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NEPHROLOGY << Click here

- [Renal Failure](#) ? Related Dx
 - [Acute Renal Failure](#)
 - [Chronic Renal Failure](#)
 - [Diabetic Nephropathy](#) ? Related Dx
- [Glomerulonephritis](#) ? Related Dx
- [Interstitial Nephritis](#) ? Related Dx
 - [Acute Interstitial Nephritis](#)
 - [Analgesics Nephropathy](#)
 - [Chronic Interstitial Nephritis](#)
 - [Drug and Toxin-Induced Nephropathy](#)
 - [Gold and Penicillamine Nephropathy](#)
 - [Radiation Nephropathy](#)
 - [Goodpasture's Syndrome](#) ? Related Dx

UROLOGIC DISORDERS

- [Urinary Tract Infection](#) ? Related Dx

DERMATOLOGY << Click here

- [Steven-Johnson Syndrome](#) ? Related Dx
- [Toxic Epidermal Necrolysis](#) ? Related Dx

NUTRITIONAL DISORDERS

- [Vit C Deficiency](#) ? Related Dx

INFECTIOUS DISEASES << Click here

- [Meningococcal Disease](#) ? Related Dx
- [Toxic Shock Syndrome](#) ? Related Dx
- [EBV Infection](#) ? Related Dx
- [Brucellosis](#) ? Related Dx

RESPIRATORY SYSTEM DISORDERS << Click here

CARDIAC DISORDERS << Click here

RHEUMATIC DISEASES << Click here

HEMATOLOGY << Click here

ALLERGIC DISORDERS << Click here

ENDOCRINE SYSTEM << Click here

GASTROINTESTINAL DISORDERS << Click here

SHOCK STATES << Click here

TOXICOLOGY << Click here



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Causative drugs differentia: click on causative drugs link...

Gastrointestinal Drugs << Click here	Antivirals << Click here
⊕ Antiemetics ?	Immunosuppressants << Click here
Bone Modulating Drugs << Click here	Antibacterials << Click here
Bisphosphonates ?	Organic Solvents << Click here
Dermatological Drugs / Sunscreens << Click here	Disinfectants / Preservatives << Click here
Isotretinoin ?	Antigout Drugs << Click here
Tretinoin ?	Hormones << Click here
Analgesics / Antipyretics << Click here	Nutritional Agents / Vitamins << Click here
Sodium Aurothiomalate ?	Muscle Relaxants << Click here
Adalimumab ?	Sedatives / Antipsychotics << Click here
⊕ NSAID's ?	Corticosteroids << Click here
Anthelmintics	Antihistamines << Click here
Tiabendazole ?	Bronchodilators / Anti-Asthma Drugs << Click here
Cardiovascular Drugs << Click here	Antimigraine Drugs << Click here
⊕ Thiazides ?	Antidepressants << Click here
⊕ Thrombolytics ?	Antiprotozoals << Click here
Antineoplastics << Click here	
Alemtuzumab ?	