**Case 27 (August 28 2008):** N Engl J Med. 359(9):951-960

**Demographic:** Male, 64 yrs, America North, General speciality

**Clinical features extracted from the case and entered into the query box:**
- abdominal pain
- nausea
- elevated serum creatinine
- abdominal tenderness
- anorexia
- vomiting
- hypertension
- peripheral edema

**Synonyms used by Isabel for the above query:**
- Abdominal pain
- Elevated serum creatinine
- Abdominal tenderness
- Anorexia
- Vomiting
- Hypertension
- Peripheral edema

**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:**
Nephrocalcinosis
Acute Tubular Necrosis (ARF)

**Final Diagnosis of the case according to NEJM:**
Acute phosphate nephropathy/Acute Nephrocalcinosis due to ingestion of oral sodium phosphate solution

**Differential Diagnoses of the case as given by Isabel:**
Nephrocalcinosis - under Nephrology heading
Acute Renal Failure - under Nephrology heading

**Was the final diagnosis given by Isabel:**
Yes, under Nephrology heading
# Isabel Differential:

## Gastrointestinal Disorders
- **Acute Appendicitis**
- **Gastritis**

## Liver Disorders
- **Alcoholic Liver Disease**
- **Cholecystitis**
- **Liver Abscess**
- **Budd-Chiari Syndrome**

## Shock States
- **Cardiogenic Shock**

## Toxicology

## Rheumatic Diseases

## Allergic Disorders

## Nephrology

**Why did this diagnosis come up?** We matched the terms: anorexia, loss of appetite, high blood pressure, vomiting, high creatinine, nausea

**Degree of match between query entered and Isabel database (Not clinical probability): 61%**

- **Acute Renal Failure**
- **Chronic Renal Failure**
- **Diabetic Nephropathy**
- **Urinary Tract Infection**
- **Glomerulonephritis**
- **Interstitial Nephritis**
- **Nephrocalcinosis**

**Why did this diagnosis come up?** We matched the terms: anorexia, hypertension, vomiting, peripheral edema, elevated creatinine, nausea

**Degree of match between query entered and Isabel database (Not clinical probability): 70%**

## Neoplastic Diseases
- **Colorectal Cancer**

## Infectious Diseases

## Endocrine System

## Cardiac Disorders

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