

Case 28 (September 15 2005): [N Engl J Med 2005;353:1148-57](#)

Demographic: Male, 42 yrs, America North, General speciality

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

weight loss
hematuria
hemoptysis
cachexia
scattered expiratory wheezes
coarse bronchial breath sounds
palpable purpura
diffuse weakness
eosinophilia
polyneuropathy
pyuria
renal failure
steroid-dependent asthma

Synonyms used by Isabel for the above query:

Weight loss
Hematuria
Hemoptysis
Cachexia
Eosinophilia
Polyneuropathy
Pyuria
Renal failure

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:

Vasculitis – Churg–Strauss syndrome
Peripheral polyneuropathy - Mononeuritis multiplex
Idiopathic hypereosinophilic syndrome
Rapidly progressive glomerulonephritis

Final Diagnoses of the case according to NEJM:

The Churg–Strauss syndrome, with rapidly progressive glomerulonephritis and eosinophilic tubulointerstitial nephritis

Differential Diagnoses of the case as given by Isabel:

Churg–Strauss syndrome – Isabel 1st page
Glomerulonephritis / Rapidly progressive glomerulonephritis – click on Nephrology heading

Was the final diagnosis given by Isabel:

Yes, Isabel 1st page

Entire presentation cut and pasted into the Isabel query box:

None of the above

Isabel differential:

| | |
|---|--|
| <p>RHEUMATIC DISEASES << Click here</p> <p>Churg-Strauss Syndrome RD</p> <p>Polyarteritis Nodosa RD</p> <p>Wegener Granulomatosis RD</p> <p>Lymphomatoid Granulomatosis RD</p> | <p>CARDIAC DISORDERS << Click here</p> <p>Heart Failure / CHF RD</p> |
| <p>NEOPLASTIC DISEASES << Click here</p> <p>Kaposi Sarcoma RD</p> | <p>RESPIRATORY SYSTEM DISORDERS << Click here</p> <p>COPD RD</p> <p>↳ Lung Neoplasms RD</p> <p>Sarcoidosis RD</p> <p>Lung Abscess RD</p> <p>Asthma RD</p> <p>Interstitial Lung Disease RD</p> <p>↳ Pulmonary Thromboembolism RD</p> <p>Eosinophilic Lung Disease RD</p> |
| <p>INFECTIOUS DISEASES << Click here</p> <p>↳ Aspergillus Infection RD</p> <p>Tuberculosis RD</p> <p>Ascariasis RD</p> <p>↳ Salmonella Infections RD</p> | <p>NEPHROLOGY << Click here</p> <p>↳ Glomerulonephritis RD</p> <p>↳ Renal Failure RD</p> |
| <p>ALLERGIC DISORDERS << Click here</p> | <p>UROLOGIC DISORDERS << Click here</p> |
| <p>TOXICOLOGY << Click here</p> | |