
**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:

**RHEUMATIC DISEASES**
- Rheumatoid Arthritis
- Polymyalgia Rheumatica
- Systemic Lupus Erythematosus
- Scleroderma

**CARDIAC DISORDERS**
- Heart Failure / CHF

**RESPIRATORY SYSTEM DISORDERS**
- COPD
- Lung Neoplasms
- Sarcoidosis
- Lung Abscess
- Asthma
- Interstitial Lung Disease
- Pulmonary Thromboembolism
- Eosinophilic Lung Disease

**NEOPLASTIC DISEASES**
- Kaposi Sarcoma

**INFECTION DISEASES**
- Aspergillosis
- Tuberculosis
- Ascariasis
- Salmonella Infections

**NEPHROLOGY**
- Glomerulonephritis
- Renal Failure

**ALLERGIC DISORDERS**

**TOXICOLOGY**

**UROLOGIC DISORDERS**