
**Demographic:** Female, 20 yrs, Not pregnant, America North, General specialty

**Clinical features extracted from the case and entered into the query box:**
- respiratory distress
- tachycardia
- hypertension
- tachypnea
- low oxygen saturation
- body habitus was cushingoid
- diffuse wheezes in both lungs
- consolidation in the right middle lobe and patchy opacity in the left upper lobe

**Synonyms used by Isabel for the above query:**
- Respiratory distress
- Tachycardia
- Hypertension
- Tachypnea
- Low oxygen saturation

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:**
Corticosteroid -induced chronic immunosuppression
Anaphylaxis
Acute hypersensitivity reactions
Eosinophilic pneumonia
Churg-Strauss syndrome
Emphysema

**Final Diagnosis of the case according to NEJM:**
Status asthmaticus with resultant fatal asthma

**Differential Diagnoses of the case as given by Isabel:**
Asthma – Isabel 1st page
Emphysema – Isabel 1st page
Anaphylaxis – click on Allergic disorders heading
Hypersensitivity pneumonitis - click on Allergic disorders heading

**Was the final diagnosis given by Isabel:**
Yes, Isabel 1st page

**Entire presentation cut and pasted into the Isabel query box:**
Asthma – click on respiratory system disorder
Anaphylaxis – click on Allergic disorders heading
Isabel differential:

<table>
<thead>
<tr>
<th>RESPIRATORY SYSTEM DISORDERS</th>
<th>CARDIAC DISORDERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emphysema</td>
<td>Heart Failure / CHF</td>
</tr>
<tr>
<td>Bronchiectasis</td>
<td></td>
</tr>
<tr>
<td>Interstitial Lung Disease</td>
<td>Pseudomonas</td>
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<tr>
<td>Atypical Pneumonia</td>
<td></td>
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<tr>
<td>Asthma</td>
<td></td>
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<tr>
<td>Sarcoaidosis</td>
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<tr>
<td>Lung Collapse</td>
<td></td>
</tr>
<tr>
<td>Aspiration Syndromes</td>
<td></td>
</tr>
</tbody>
</table>

| RHEUMATIC DISEASES           |                  |
| ALLERGIC DISORDERS           |                  |
| NEOPLASTIC DISEASES          |                  |

| INFECTIOUS DISEASES          |                  |
| NEUROMUSCULAR DISORDERS      |                  |
| HEMATOLOGY                   |                  |
| SHOCK STATES                 |                  |
| LIVER DISORDERS              |                  |
| TOXICOLOGY                   |                  |