
**Demographics:** Female, 9 yrs, America North, General speciality

**Clinical features extracted from the case and entered into the query box:**
- headaches
- enuresis
- blurred vision
- papilledema
- vomiting
- hypertension
- tachycardia
- hyperdynamic precordium
- cafe au lait spots
- proteinuria
- hypokalemia
- alkalosis

**Synonyms used by Isabel for the above query:**
- Headaches
- Hypokalemia
- Proteinuria
- Alkalosis
- Vomiting
- Blurred vision
- Papilledema
- Enuresis
- Hypertension

**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:**
- Pheochromocytoma
- Thyrotoxicosis
- Carcinoid tumor that was secreting serotonin.
- Secondary hyperaldosteronism
- Neurofibromatosis

**Final Diagnoses of the case according to NEJM:**
- Pheochromocytoma

**Differential Diagnoses of the case as given by Isabel:**
- Pheochromocytoma – Isabel 1st page
- Neurofibromatosis – Isabel 1st page

**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 for extracted features:

<table>
<thead>
<tr>
<th>NERVOUS SYSTEM DISORDERS</th>
<th>ENDOCRINE SYSTEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neurofibromatosis</td>
<td>Adrenal Neoplasms</td>
</tr>
<tr>
<td>Epilepsy &amp; Seizure Disorders</td>
<td>Hyperpituitarism</td>
</tr>
<tr>
<td>Tuberous Sclerosis</td>
<td>Pheochromocytoma</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UROLOGIC DISORDERS</th>
<th>HEMATOLOGY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Renal Arterial Stenosis / Obstruction</td>
<td>Aplastic Anemia</td>
</tr>
</tbody>
</table>

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<tr>
<th>CARDIAC DISORDERS</th>
<th>ORTHOPEDIC DISORDERS</th>
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<tbody>
<tr>
<td>Pulmonary Vascular Disease</td>
<td>Kyphoscoliosis Disorders</td>
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<tr>
<th>GASTROINTESTINAL DISORDERS</th>
<th>INFECTIOUS DISEASES</th>
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<tr>
<th>IMMUNOLOGIC SYSTEM</th>
<th>RHEUMATIC DISEASES</th>
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<tr>
<th>ENVIRONMENTAL HEALTH HAZARDS</th>
<th>HUMAN GENETICS</th>
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<th>TOXICOLOGY</th>
<th>METABOLIC DISEASES</th>
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