

**Case 36 (November 23 2006):** [N Engl J Med 2006;355:2237-45](#)

**Demographic:** Female, 35 yrs, Pregnant, America North, General speciality

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

second trimester  
hypertension  
hyperglycemia  
glucosuria  
polyuria  
polydipsia  
increased facial puffiness  
complexion chronically ruddy  
mild periorbital edema  
hypercortisolemia  
hypokalemia  
proteinuria

**Synonyms used by Isabel for the above query:**

Polydipsia  
Hypertension  
Glucosuria  
Hypokalemia  
Second trimester  
Hyperglycemia  
Proteinuria

**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:***

Hypertension in Pregnancy – chronic hypertension

Diabetes in Pregnancy – Gestational diabetes

Cushing's Syndrome in Pregnancy

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

Cushing's syndrome due to an adrenal cortical tumor

***Differential Diagnoses of the case as given by Isabel:***

Hypertension in Pregnancy – Isabel 1<sup>st</sup> page

Cushing's Syndrome – Isabel 1<sup>st</sup> page

Gestational diabetes – Isabel 1<sup>st</sup> page

***Was the final diagnosis given by Isabel:***

Yes, Isabel 1<sup>st</sup> page

***Entire presentation cut and pasted into the Isabel query box:***

Hypertension in Pregnancy – Isabel 1<sup>st</sup> page

**Isabel differential:**

<p><b>ENDOCRINE SYSTEM</b> &lt;&lt; <a href="#">Click here</a></p> <p><a href="#">Type 2 Diabetes</a> <b>RD</b></p> <p><a href="#">Conn's Syndrome</a> <b>RD</b></p> <p><a href="#">Cushing's Syndrome</a> <b>RD</b></p> <p><a href="#">Type 1 Diabetes</a> <b>RD</b></p> <p><a href="#">Gestational Diabetes</a> <b>RD</b></p>	<p><b>RHEUMATIC DISEASES</b> &lt;&lt; <a href="#">Click here</a></p> <p><a href="#">SLE</a> <b>RD</b></p>
<p><b>UROLOGIC DISORDERS</b> &lt;&lt; <a href="#">Click here</a></p> <p>↳ <a href="#">Urinary Tract Infection</a> <b>RD</b></p>	<p><b>CARDIAC DISORDERS</b> &lt;&lt; <a href="#">Click here</a></p> <p>↳ <a href="#">Hypertension in Pregnancy</a> <b>RD</b></p>
<p><b>INFECTIOUS DISEASES</b> &lt;&lt; <a href="#">Click here</a></p>	<p><b>HEMATOLOGY</b> &lt;&lt; <a href="#">Click here</a></p> <p><a href="#">Polycythemia Disorders</a> <b>RD</b></p>
<p><b>PSYCHOLOGIC DISORDERS</b> &lt;&lt; <a href="#">Click here</a></p>	<p><b>NEPHROLOGY</b> &lt;&lt; <a href="#">Click here</a></p> <p><a href="#">Diabetic Nephropathy</a> <b>RD</b></p>
<p><b>NERVOUS SYSTEM DISORDERS</b> &lt;&lt; <a href="#">Click here</a></p>	<p><b>METABOLIC DISEASES</b> &lt;&lt; <a href="#">Click here</a></p>
<p><b>TOXICOLOGY</b> &lt;&lt; <a href="#">Click here</a></p>	