

**Case 24 (July 31 2008):** [N Engl J Med. 359\(5\):509-515](#)

**Demographic:** Female, 35 years, Pregnancy not specified, America North, General speciality

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

confusion  
agitation  
insomnia  
auditory hallucinations  
disorientation  
severe depression  
suicidal ideation  
dysphoria  
anxiety

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

insomnia  
confusion  
disorientation  
anxiety  
agitation  
auditory hallucinations

**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

**Isabel Healthcare Inc**

2941 Fairview Park Drive, Suite 800, Falls Church, VIRGINIA 22042  
Tel: +1.703.289.8855

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

Postpartum psychosis in a patient with bipolar disorder

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

Yes, Postpartum Psychosis under Obstetric disorders heading  
Bipolar Disorder under Psychologic disorders heading

**Isabel Differential:**

<p><b>+ PSYCHOLOGIC DISORDERS</b> &lt;&lt; click to expand</p> <p><input checked="" type="checkbox"/> <a href="#">Depression</a> <span>RD</span></p> <p><input checked="" type="checkbox"/> <a href="#">Bipolar Disorder</a> <span>RD</span></p> <div style="border: 1px solid black; background-color: #ffff00; padding: 5px;"> <p><b>Why did this diagnosis come up ?</b></p> <p>We matched the terms: loc   anxiety   agitation   agitated   agitate   sever   severe   depress   depression   dysphoria</p> <hr/> <p>Degree of match between query entered and isabel database (Not clinical probability): 53%</p> </div> <p><input checked="" type="checkbox"/> <a href="#">Eating Disorders</a> <span>RD</span></p>	<p><b>+ TOXICOLOGY</b> &lt;&lt; click to expand</p> <p><input checked="" type="checkbox"/> <a href="#">Radioactive Isotopes</a> <span>RD</span></p>
<p><b>+ INFECTIOUS DISEASES</b> &lt;&lt; click to expand</p> <p><input checked="" type="checkbox"/> <a href="#">Lyme Disease</a> <span>RD</span></p>	<p><b>+ NERVOUS SYSTEM DISORDERS</b> &lt;&lt; click to expand</p> <p><input checked="" type="checkbox"/> <a href="#">HIV Neuro Complications</a> <span>RD</span></p>
<p><b>+ SHOCK STATES</b> &lt;&lt; click to expand</p> <p><input checked="" type="checkbox"/> <a href="#">Sepsis and Shock</a> <span>RD</span></p>	<p><b>+ CARDIAC DISORDERS</b> &lt;&lt; click to expand</p> <p><input checked="" type="checkbox"/> <a href="#">Hypertension in Pregnancy</a> <span>RD</span></p>
<p><b>METABOLIC DISEASES</b></p> <p><input checked="" type="checkbox"/> <a href="#">Acute Porphyria</a> <span>RD</span></p>	<p><b>OBSTETRIC DISORDERS</b></p> <p><a href="#">Postpartum Psychosis</a> <span>RD</span></p> <div style="border: 1px solid black; background-color: #ffff00; padding: 5px;"> <p><b>Why did this diagnosis come up ?</b></p> <p>We matched the terms: insomnia   insomniac   anxiety   panic   agitation   restlessness   agitate   sever   severe   suicid   suicidal</p> <hr/> <p>Degree of match between query entered and isabel database (Not clinical probability): 53%</p> </div>
<p><b>+ RESPIRATORY DISORDERS</b> &lt;&lt; click to expand</p>	<p><b>+ ENVIRONMENTAL HEALTH HAZARDS</b> &lt;&lt; click to expand</p>
<p><b>+ ENDOCRINE SYSTEM</b> &lt;&lt; click to expand</p>	<p><b>+ NUTRITIONAL DISORDERS</b> &lt;&lt; click to expand</p>
<p><b>+ HUMAN GENETICS</b> &lt;&lt; click to expand</p>	<p><b>+ GYNECOLOGICAL DISORDERS</b> &lt;&lt; click to expand</p>
<p><b>+ NEPHROLOGY</b> &lt;&lt; click to expand</p>	