

**Case 35 (November 17 2005):** [N Engl J Med 2005;353:2177-85](#)

**Demographic:** Female, 56yrs, Not pregnant, America North, General speciality

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

palpable mass in breast at anterior axillary line

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

none

**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

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

Invasive ductal carcinoma of the breast with isolated tumor cells in a sentinel lymph node

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

Breast cancer – Isabel 1<sup>st</sup> page

Ductal carcinoma in situ – 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:***

Breast cancer – Isabel 1<sup>st</sup> page

Ductal carcinoma in situ – Isabel 1<sup>st</sup> page

**Isabel differential:**

<b>GYNECOLOGICAL DISORDERS</b> << <a href="#">Click here</a>		
↳ <a href="#">Breast Cancer</a>	♀	<a href="#">RD</a>
<a href="#">Phyllodes Tumor</a>	♀	<a href="#">RD</a>
<a href="#">Breast Fibroadenomas</a>	♀	<a href="#">RD</a>
<a href="#">Paget's Disease of the Nipple</a>	♀	<a href="#">RD</a>
<a href="#">Ovarian Neoplasms</a>	♀	<a href="#">RD</a>
<b>ENDOCRINE SYSTEM</b> << <a href="#">Click here</a>		
↳ <a href="#">Intersex</a>		<a href="#">RD</a>
<b>NERVOUS SYSTEM DISORDERS</b> << <a href="#">Click here</a>		
<b>HEMATOLOGY</b> << <a href="#">Click here</a>		
<b>ORTHOPEDIC DISORDERS</b> << <a href="#">Click here</a>		
<b>CARDIAC DISORDERS</b> << <a href="#">Click here</a>		
<b>TRAUMA INJURIES</b> << <a href="#">Click here</a>		
<b>OPHTHALMOLOGY</b> << <a href="#">Click here</a>		

<b>DERMATOLOGY</b> << <a href="#">Click here</a>	
↳ <a href="#">Scabies</a>	<a href="#">RD</a>
<b>NEOPLASTIC DISEASES</b> << <a href="#">Click here</a>	
<a href="#">Hodgkin's Disease</a>	<a href="#">RD</a>
<b>NEPHROLOGY</b> << <a href="#">Click here</a>	
↳ <a href="#">Renal Failure</a>	<a href="#">RD</a>
<b>UROLOGIC DISORDERS</b> << <a href="#">Click here</a>	
↳ <a href="#">Upper Urinary Tract Obstruction</a>	<a href="#">RD</a>
<b>GASTROINTESTINAL DISORDERS</b> << <a href="#">Click here</a>	
<b>RESPIRATORY SYSTEM DISORDERS</b> << <a href="#">Click here</a>	
<b>TOXICOLOGY</b> << <a href="#">Click here</a>	
<b>LIVER DISORDERS</b> << <a href="#">Click here</a>	
<b>INFECTIOUS DISEASES</b> << <a href="#">Click here</a>	
<b>RHEUMATIC DISEASES</b> << <a href="#">Click here</a>	

