

NEJM Case 6 (February 23 2006): [N Engl J Med 2006;354:850-6.](#)

Case 6-2006 — A 71-Year-Old Woman with Urinary Incontinence and a Mass in the Bladder

Demographic: 71 Year Old, Female, America North, General speciality

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

history of breast cancer
acute onset of "urinary incontinence"
bilateral solid ovarian masses with possible uterine involvement
bilateral hydronephrosis
thickened bladder wall
enlarged aortocaval lymph node
narrowed ureters

Synonyms used by Isabel (optional) for the above query:
Urinary incontinence

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:

Bladder Neoplasms
Metastatic Breast Cancer

Final Diagnosis of the case according to NEJM:

Metastatic breast cancer - Infiltrating lobular carcinoma of the breast, metastatic to the urinary bladder and ovaries.

Differential Diagnosis of the case as given by Isabel:

Metastatic Breast Cancer – Isabel 1st page

Was the final diagnosis given by Isabel?

Yes, Metastatic breast cancer (Isabel 1st page)

Entire presentation cut and pasted into the Isabel query box:

Breast cancer – Isabel 1st page

By clicking on the heading – Urologic disorders – Bladder neoplasms
By clicking on Gynecological disorders – Metastatic breast cancer

Isabel Differential:

CARDIOVASCULAR SYSTEM	
Abdominal Aortic Aneurysm	<input type="checkbox"/>
INFECTIOUS DISEASES	
Tuberculosis	<input type="checkbox"/>
Aspergillus Infection	<input type="checkbox"/>
Clostridial Infections	<input type="checkbox"/>
↳ Bartonella Infection	<input type="checkbox"/>
GYNECOLOGICAL DISORDERS	
↳ Breast Cancer	<input type="checkbox"/>
Carcinoma of the Cervix	<input type="checkbox"/>
HEMATOLOGY	
Paraneoplastic Hematologic Syndromes	<input type="checkbox"/>
ENDOCRINE SYSTEM	
Thyroid Neoplasms	<input type="checkbox"/>
NEOPLASTIC DISEASES	
↳ Non-Hodgkin's Lymphoma	<input type="checkbox"/>
↳ Liver Neoplasms	<input type="checkbox"/>
Head and Neck Neoplasms	<input type="checkbox"/>
Carcinoid Tumors	<input type="checkbox"/>
Lymphoma of the Small Intestine	<input type="checkbox"/>
↳ Familial Polyposis Syndrome	<input type="checkbox"/>
RESPIRATORY SYSTEM DISORDERS	
↳ Lung Neoplasms	<input type="checkbox"/>
Sarcoidosis	<input type="checkbox"/>
GASTROINTESTINAL DISORDERS	
Peritonitis	<input type="checkbox"/>
↳ Diverticular Diseases of the Colon	<input type="checkbox"/>
↳ Intestinal Obstruction	<input type="checkbox"/>