

Case 6 (February 22 2007): [N Engl J Med 2007;356:842-9](#)

Demographic: Male, 28 yrs, America North, General Speciality

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

firm, nontender testicular mass
testicular swelling

Synonyms used by Isabel for the above query:

Testicular swelling

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:

Testicular cancer
Hydrocele
Spermatocele
Inguinal hernia
Epididymo-orchitis
Trauma
Epidermoid cyst

Final Diagnosis of the case according to NEJM:

Mixed germ-cell tumor (embryonal carcinoma, teratoma, and scant yolk-sac tumor).

Differential Diagnoses of the case as given by Isabel:

Testicular neoplasms – Isabel 1st page

Epidermoid cyst – Isabel 1st page

Hydrocele – Isabel 1st page

Spermatocele – Isabel 1st page

Was the final diagnosis given by Isabel:

Yes, Isabel 1st page

Entire presentation cut and pasted into the Isabel query box:

Testicular neoplasms – Isabel 1st page

Epididymo-orchitis – click on Urologic disorders heading

Spermatocele - click on Urologic disorders heading

Hydrocele - click on Urologic disorders heading

Isabel differential:

<p>UROLOGIC DISORDERS << Click here</p> <p><u>Spermatocele</u> ♂ RD</p> <p><u>Testicular Neoplasms</u> ♂ RD</p> <p><u>Testicular Torsion</u> ♂ RD</p> <p><u>Hydrocele</u> ♂ RD</p>	<p>RHEUMATIC DISEASES << Click here</p> <p><u>Kawasaki Disease</u> RD</p>
<p>DERMATOLOGY << Click here</p> <p><u>Epidermoid Cyst</u> RD</p>	<p>INFECTIOUS DISEASES << Click here</p> <p><u>Lyme Disease</u> RD</p> <p>+ <u>Syphilis</u> RD</p>
<p>ENDOCRINE SYSTEM << Click here</p> <p><u>Hypothyroidism</u> RD</p>	<p>RESPIRATORY SYSTEM DISORDERS << Click here</p> <p><u>Sarcoidosis</u> RD</p>
<p>HEMATOLOGY << Click here</p>	<p>ORTHOPEDIC DISORDERS << Click here</p>
<p>NEOPLASTIC DISEASES << Click here</p>	<p>GASTROINTESTINAL DISORDERS << Click here</p>
<p>VASCULAR DISORDERS << Click here</p>	<p>NEPHROLOGY << Click here</p>
	<p>LIVER DISORDERS << Click here</p>
	<p>HUMAN GENETICS << Click here</p>