

Case 18 (June 16 2005): [N Engl J Med 2005;352:2535-2542](#)

Demographic: Female, 45 yrs, Not Specified, America North, General speciality

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

abdominal mass

severe abdominal pain monthly

Synonyms used by Isabel for the above query:

abdominal mass

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:

Desmoid Tumour

Endometriosis

Was the final diagnosis given by Isabel:

Desmoid Tumour – Yes, click on Neoplastic diseases heading

Endometriosis – Yes, click on Gynecological disorders heading

Differential Diagnoses of painful abdominal wall mass considered by the MGH panel:

- Spigelian hernia – Yes, click on Gastrointestinal disorders heading
- Incisional hernia – Yes, click on Gastrointestinal disorders heading
- Tube-ovarian abscess – Yes, 1st page
- Desmoid tumor – Yes, click on Neoplastic diseases heading
- Endometriosis – Yes, 1st page

Entire presentation cut and pasted into the Isabel query box:

- Desmoid Tumour – No
- Endometriosis – Yes, click on Gynecological diseases heading

Isabel differential for extracted features:

- Desmoid Tumor – Click on Neoplastic diseases heading

NEOPLASTIC DISEASES		
↳ <u>Liver Neoplasms</u>		RD
↳ <u>Gastric Neoplasms</u>		RD
<u>Sertoli-Leydig Cell Tumor</u>		RD
↳ <u>Pancreatic Neoplasms</u>		RD
↳ <u>Non-Hodgkin's Lymphoma</u>		RD
<u>Adenocarcinoma</u>		RD
↳ <u>Soft Tissue Neoplasms</u>		RD
↳ <u>Leukemia</u>		RD
<u>Kaposi Sarcoma</u>		RD

↑ Desmoid Tumor

- Endometriosis – Click on Gynecological disorders heading

GYNECOLOGICAL DISORDERS		
<u>Germ Cell Tumours of the Ovary</u>	♀	RD
↳ <u>Ovarian Neoplasms</u>	♀	RD
<u>Fallopian Tube Carcinoma</u>	♀	RD
<u>Endometriosis</u>	♀	RD