



www.isabelhealthcare.com

**Case 32 (October 21 2010):** [N Engl J Med. 363\(17\):1657-1665](#)

**Demographic:** Female, 28 yrs, Pregnant, North America

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

sharp abdominal pain radiating to right flank  
rebound tenderness  
intraabdominal fluid  
nausea  
polyhydramnios  
hemoptysis  
tachycardia

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

rebound tenderness  
nausea  
polyhydramnios  
hemoptysis  
tachycardia

**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:**

Peritonitis  
Ruptured ovarian cyst

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

Spontaneous rupture of a uterine artery

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

Peritonitis in Gastro  
Ruptured ovarian cyst in Gyne

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

Yes, Uterine artery rupture in Obstetrics

**Isabel Differential:**

**enter clinical features** | synonyms

age\*

gender  female  male

pregnancy

Refine search:

travel

history:

show me:

diagnoses

causative drugs

bioterrorist agents

Enter clinical features, no negatives, no numbers:

abdominal pain radiating to right flank
rebound tenderness
intraabdominal fluid
nausea
polyhydramnios
hemoptysis
tachycardia

+ add a clinical feature

**get checklist** >

clear search

**diagnoses**

Most Relevant

sort by:  action:

show: 10 20 30 all

Uterine Artery Rupture	♀	<input type="radio"/> OBS
<b>Why did this diagnosis come up ?</b>		
We matched the terms: rebound tenderness   tachycardia   tachycardic   abdomin   abdominal   pain   radiat   radiating   flank   intraabdomin   intraabdominal		
Degree of match between query entered and Isabel database (Not clinical probability): 67%		
Acute Appendicitis	▼	? GASTRO
Peritonitis	▼	? GASTRO
Renal Failure	▼	? NEPHRO
Ovarian Neoplasms	▼	♀ ? GYNE
Pancreatitis	▼	? GASTRO
Urinary Lithiasis / Nephrolithiasis	▼	? NEPHRO
Ectopic Pregnancy	▼	♀ ? OBS
Cholecystitis	▼	? HEPATO
Salmonella Infections	▼	? INFEC