

**Case 19 (June 18 2009):** [N Engl J Med. 360\(25\):2656-2664](#)

**Demographic:** Female, 63yrs, Not pregnant, America North, General speciality

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

chest discomfort  
epigastric pain  
gastroesophageal reflux

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

gastroesophageal reflux  
epigastric pain  
chest discomfort

**STOP !**

**Before you read further you might want to construct your own:**

- Final diagnosis

**In the following section you will find:**

- The final diagnosis of the case
- Did Isabel suggest the Final diagnosis

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

Adenocarcinoma of the gastroesophageal junction

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

Yes, Gastric carcinoma under Gastric neoplasms in Neoplastic diseases

**Isabel Differential:**

<b>GASTROINTESTINAL DISORDERS</b> << click to expand	<b>+ RESPIRATORY DISORDERS</b> << click to expand
<a href="#">Gastroesophageal Reflux</a> ? RD	<input checked="" type="checkbox"/> <a href="#">Bacterial Pneumonia</a> ? RD
<a href="#">Hiatus / Diaphragmatic Hernia</a> ? RD	<input checked="" type="checkbox"/> <a href="#">Pulmonary Thromboembolism</a> ? RD
<a href="#">Gastritis</a> ? RD	
<b>CARDIAC DISORDERS</b> << click to expand	<b>+ RHEUMATIC DISEASES</b> << click to expand
<a href="#">Ischemic Heart Disease</a> ? RD	<a href="#">Wegener's Granulomatosis</a> ? RD
<a href="#">Heart Failure / CHF</a> ? RD	
<b>LIVER DISORDERS</b> << click to expand	<b>+ NEOPLASTIC DISEASES</b> << click to expand
<a href="#">Cholelithiasis</a> ? RD	<input checked="" type="checkbox"/> <a href="#">Gastric Neoplasms</a> ? RD
<b>TOXICOLOGY DISORDERS</b> << click to expand	<p>Why did this diagnosis come up ? <span style="float: right;">✕</span></p> <p>We matched the terms: epigastric pain</p> <hr/> <p>Degree of match between query entered and isabel database (Not clinical probability): 35%</p> <ul style="list-style-type: none"> <li>└─ Benign Stomach Tumor</li> <li>└─ <b>Gastric Carcinoma</b></li> <li>└─ Primary Gastric Lymphoma</li> </ul>
<b>HEMATOLOGY DISORDERS</b> << click to expand	
<b>VASCULAR DISORDERS</b> << click to expand	
<b>IATROGENIC DISORDERS</b> << click to expand	
	<b>+ INFECTIOUS DISEASES</b> << click to expand
	<b>+ ENDOCRINE DISORDERS</b> << click to expand
	<b>+ ENVIRONMENTAL HEALTH DISORDERS</b> << click to expand