

Case 29 (September 20 2007): [N Engl J Med. 357\(12\):1239-1246](#)

Demographic: Male, 51yrs, American South temperate, General speciality (born in Brazil, returns to Brazil each year)

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

First query: region America North or American South temperate

decreased appetite
epigastric discomfort
intermittent abdominal pain
weight loss
gastroesophageal reflux

Second query: region American South temperate

pleuritic chest pain
weight loss
finger clubbing
nausea
fatigue
peripheral eosinophilia
parenchymal cysts

Synonyms used by Isabel for the above query:

First query synonyms:

decreased appetite
weight loss
gastroesophageal reflux

Second query synonyms:

pleuritic chest pain
weight loss
finger clubbing
nausea
fatigue

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:

First differential:

H. Pylori Infection and Gastric Cancer

Second differential:

Paragonimiasis
Schistosomiasis

Final Diagnosis of the case according to NEJM:

First FD: Adenocarcinoma of the stomach, associated with H. pylori infection.

Second FD: Schistosoma mansoni infection with pulmonary involvement.

Differential Diagnoses of the case as given by Isabel:

First Isabel differential:

Gastric carcinoma – Isabel top 10, under Gastric Neoplasms
H.Pylori- Isabel top 10, under PUD

Second Isabel differential:

Schistosomiasis – click on Infectious diseases heading, under Fluke Infection
Paragonimiasis – click on Infectious diseases heading, under Fluke Infection

Was the final diagnosis given by Isabel:

Yes, Gastric carcinoma on top 10 (region Am. North & Am. South) and Schistosomiasis when you click on Infectious diseases heading under Fluke infection (region Am. South)

First Isabel Differential:

GASTROINTESTINAL DISORDERS << Click here	INFECTIOUS DISEASES << Click here
<ul style="list-style-type: none"> ⊕ Acute Appendicitis ? Related Dx Gastroesophageal Reflux ? Related Dx ⊕ Gastritis ? Related Dx ⊕ Diarrheal Disorders ? Related Dx ⊖ Peptic Ulcer Disease ? Related Dx <ul style="list-style-type: none"> — Chronic Benign Gastric Ulcer — Duodenal Ulcers — Peptic Ulcer Due To H.Pylori — Secondary Peptic Ulcer Diabetic GI Complications ? Related Dx Non Ulcer Dyspepsia ? Related Dx 	ENDOCRINE SYSTEM << Click here
NEOPLASTIC DISEASES << Click here	LIVER DISORDERS << Click here
<ul style="list-style-type: none"> ⊖ Gastric Neoplasms ? Related Dx <ul style="list-style-type: none"> — Benign Stomach Tumor — Gastric Carcinoma — Primary Gastric Lymphoma ⊕ Colorectal Cancer ? Related Dx 	VASCULAR DISORDERS << Click here
RESPIRATORY SYSTEM DISORDERS << Click here	RHEUMATIC DISEASES << Click here
<ul style="list-style-type: none"> ⊕ Lung Neoplasms ? Related Dx 	ALLERGIC DISORDERS << Click here
	NUTRITIONAL DISORDERS << Click here
	NERVOUS SYSTEM DISORDERS << Click here
	CARDIAC DISORDERS << Click here
	UROLOGIC DISORDERS << Click here
	TOXICOLOGY << Click here

Second Isabel Differential

RESPIRATORY SYSTEM DISORDERS << Click here	LIVER DISORDERS << Click here
<ul style="list-style-type: none"> Bacterial Pneumonia ? Related Dx Lung Neoplasms ? Related Dx Pleural Effusion ? Related Dx Pulmonary TB ? Related Dx Sarcoidosis ? Related Dx Bronchiectasis ? Related Dx 	RHEUMATIC DISEASES << Click here
GASTROINTESTINAL DISORDERS << Click here	NEOPLASTIC DISEASES << Click here
Inflammatory Bowel Disease ? Related Dx	ALLERGIC DISORDERS << Click here
CARDIAC DISORDERS << Click here	TOXICOLOGY << Click here
Infective Endocarditis ? Related Dx	IMMUNOLOGIC SYSTEM << Click here
INFECTIOUS DISEASES << Click here	DERMATOLOGY << Click here
<ul style="list-style-type: none"> HIV / AIDS ? Related Dx Tuberculosis ? Related Dx Pseudomonas ? Related Dx Q Fever ? Related Dx Aspergillus Infection ? Related Dx Brucellosis ? Related Dx Coccidioidomycosis ? Related Dx Nocardia Infection ? Related Dx Taenia solium ? Related Dx Tularemia ? Related Dx Toxocariasis ? Related Dx Giardiasis Infection ? Related Dx Angiostrongyliasis Cantonensis ? Related Dx Ehrlichiosis and Anaplasmosis ? Related Dx Fluke Infection ? Related Dx <ul style="list-style-type: none"> Echinostomiasis Fascioliasis Heterophyiasis Paragonimiasis Schistosomiasis 	
NEPHROLOGY << Click here	
Renal Failure ? Related Dx	