

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](#)

Bacterial Pneumonia	? Related Dx
Lung Neoplasms	? Related Dx
Pleural Effusion	? Related Dx
Pulmonary TB	? Related Dx
Sarcoidosis	? Related Dx
Bronchiectasis	? Related Dx

GASTROINTESTINAL DISORDERS << [Click here](#)

Inflammatory Bowel Disease	? Related Dx
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CARDIAC DISORDERS << [Click here](#)

Infective Endocarditis	? Related Dx
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INFECTIOUS DISEASES << [Click here](#)

HIV / AIDS	? Related Dx
Tuberculosis	? Related Dx
Pseudomonas	? Related Dx
Q Fever	? Related Dx
Aspergillus Infection	? Related Dx
Brucellosis	? Related Dx
Coccidiomycosis	? 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
Echinostomiasis	
Fascioliasis	
Heterophyiasis	
Paragonimiasis	
Schistosomiasis	

NEPHROLOGY << [Click here](#)

Renal Failure	? Related Dx
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LIVER DISORDERS << [Click here](#)

RHEUMATIC DISEASES << [Click here](#)

NEOPLASTIC DISEASES << [Click here](#)

ALLERGIC DISORDERS << [Click here](#)

TOXICOLOGY << [Click here](#)

IMMUNOLOGIC SYSTEM << [Click here](#)

DERMATOLOGY << [Click here](#)