

**Case 33 (October 27 2005):** [N Engl J Med 2005;353:1836-44](#)

**Demographic:** Male, 43 yrs, America North, General speciality

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

chronic gastrointestinal bleeding  
polyposis  
iron-deficiency anemia

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

Iron-deficiency anemia

## 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:**

Telangiectasia - Hereditary hemorrhagic telangiectasia  
Hemorrhoids, diverticula, neoplasms, and vascular ectasia  
Ulcerative colitis and Crohn's disease  
Polyposis syndrome - Juvenile polyposis

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

Hereditary hemorrhagic telangiectasia and Juvenile polyposis syndrome.

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

Hereditary hemorrhagic telangiectasia – Isabel 1<sup>st</sup> page

Juvenile polyposis syndrome – Isabel 1<sup>st</sup> page

Colorectal / Gastric neoplasms – Isabel 1<sup>st</sup> page

Crohn's disease – click on Gastrointestinal diseases heading

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

Yes, Isabel 1<sup>st</sup> page

***Entire presentation cut and pasted into the Isabel query box:***

Colorectal cancer – click on Neoplastic diseases heading

Ulcerative colitis – click on Gastrointestinal disorders heading

**Isabel differential:**

**DERMATOLOGY** << [Click here](#)

↳ [Telangiectasia](#) **RD**

**GASTROINTESTINAL DISORDERS** << [Click here](#)

[Anqiodyspasia](#) **RD**

[Solitary Rectal Ulcer Syndrome](#) **RD**

[Bezoars](#) **RD**

**NEPHROLOGY** << [Click here](#)

**ENDOCRINE SYSTEM** << [Click here](#)

**RHEUMATIC DISEASES** << [Click here](#)

**NEOPLASTIC DISEASES** << [Click here](#)

↳ [Familial Polyposis Syndrome](#) **RD**

[Colorectal Cancer](#) **RD**

[Benign Small Intestine Neoplasms](#) **RD**

↳ [Gastric Neoplasms](#) **RD**

↳ [Non-Hodgkin's Lymphoma](#) **RD**

**HEMATOLOGY** << [Click here](#)

[Iron Deficiency Anemia](#) **RD**

**LIVER DISORDERS** << [Click here](#)

**ALLERGIC DISORDERS** << [Click here](#)

**NUTRITIONAL DISORDERS** << [Click here](#)