

[Case 2 \(January 19 2006\): N Engl J Med 2006;354:284-9.](#)

**Case 2-2006 — A 31-Year-Old, HIV-Positive Man with Rectal Pain**

**Demographic:** Male, 31 years, America North, General speciality

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

HIV positive  
Rectal discharge  
Pain on defecation  
Blood in stools  
"Pelvic pain"  
Nausea  
"Generalized weakness"  
Flat pigmented skin lesions  
Palpable cervical and inguinal lymph nodes  
Rectal examination bulky perianal condylomas

***Synonyms used by Isabel (optional) for the above query:***

HIV Positive

**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:***

Proctitis  
STD – HIV, Syphilis, Gonorrhoea, Chlamydia, HPV, Viral hepatitis  
Lymphogranuloma Venereum

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

Lymphogranuloma Venereum Proctitis

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

Proctitis – Isabel 1<sup>st</sup> page  
AIDS Related Malignancies (Kaposi's Sarcoma) – Isabel 1<sup>st</sup> page  
Syphilis – Isabel 2<sup>nd</sup> page  
Gonococcal Infection – Isabel 1<sup>st</sup> page  
HPV – Isabel 2<sup>nd</sup> page & on clicking on the speciality heading  
Lymphogranuloma Venereum – Isabel 1<sup>st</sup> page

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

Yes Proctitis (Isabel 1<sup>st</sup> page) & Lymphogranuloma Venereum  
(Isabel 1<sup>st</sup> page)

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

HIV and AIDS – Isabel 1<sup>st</sup> page  
Gonococcal Infection – Isabel 1<sup>st</sup> page  
Chlamydia trachomatis – Isabel 1<sup>st</sup> page  
Proctitis – Isabel 1<sup>st</sup> page  
AIDS Related Malignancies (Kaposi's Sarcoma) – Isabel 2<sup>nd</sup> page &  
on clicking on the speciality heading

**Isabel Differential:**

GASTROINTESTINAL DISORDERS	
Anal Fissure	<input type="checkbox"/>
Proctitis	<input type="checkbox"/>
Pruritus Ani	<input type="checkbox"/>
↳ Diverticular Diseases of the Colon	<input type="checkbox"/>
Hemorrhoids	<input type="checkbox"/>
Anorectal Abscess	<input type="checkbox"/>
Acute Appendicitis	<input type="checkbox"/>
Irritable Bowel Syndrome	<input type="checkbox"/>
Solitary Rectal Ulcer Syndrome	<input type="checkbox"/>
↳ Inflammatory Bowel Disease	<input type="checkbox"/>
Tuberculosis GI Disease	<input type="checkbox"/>

  

UROLOGIC DISORDERS	
Genital Herpes	<input type="checkbox"/>
Prostatitis	<input type="checkbox"/>

  

IMMUNOLOGIC SYSTEM	
Chronic Granulomatous Disease	<input type="checkbox"/>

  

HEMATOLOGY	
Aplastic Anemia	<input type="checkbox"/>
Tuberculous Lymphadenitis	<input type="checkbox"/>

  

ORTHOPEDIC DISORDERS	
Cauda Equina Syndrome	<input type="checkbox"/>

  

INFECTIOUS DISEASES	
Lymphogranuloma Venereum	<input type="checkbox"/>
↳ Yersinia Infection	<input type="checkbox"/>
Clostridial Infections	<input type="checkbox"/>
↳ Human Papillomaviral Infections	<input type="checkbox"/>
Gonococcal Infection	<input type="checkbox"/>
Tularemia	<input type="checkbox"/>
↳ Viral Hepatitis	<input type="checkbox"/>
↳ Toxic Shock Syndrome	<input type="checkbox"/>
Syphilis	<input type="checkbox"/>
Tuberculosis	<input type="checkbox"/>
↳ Salmonella Infections	<input type="checkbox"/>
Amoebiasis	<input type="checkbox"/>
↳ Actinomycoses Infection	<input type="checkbox"/>

  

NEOPLASTIC DISEASES	
AIDS-Related Malignancies	<input type="checkbox"/>
Colorectal Cancer	<input type="checkbox"/>
↳ Gastric Neoplasms	<input type="checkbox"/>
Prostate Cancer	<input type="checkbox"/>
Colorectal Neoplasms	<input type="checkbox"/>

  

RESPIRATORY SYSTEM DISORDERS	
↳ Lung Neoplasms	<input type="checkbox"/>
Sarcoidosis	<input type="checkbox"/>

  

RHEUMATIC DISEASES	
Aortic Arch Syndrome	<input type="checkbox"/>