

Case 10 (March 26 2009): [N Engl J Med. 360\(13\):1337-1344](#)

Demographic: Female, 23 yrs, Not Pregnant, America North, General speciality

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

Sexually active
Multiple atypical nevi
Abnormal cervical smear

Synonyms used by Isabel for the above query:

nevi
abnormal cervical smear
sexually active

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

Final Diagnosis of the case according to NEJM:

CIN 3 (severe dysplasia or carcinoma in situ) of the uterine cervix.

Was the final diagnosis given by Isabel:

Yes, Cervical Cancer – under Gynecological disorders heading

Isabel Differential:

GENERAL [Original Results](#)

CLASSIC VIEW [Alternate View](#) [Degree Of Match View](#) [Alphabetical View](#)

[Synonyms](#) [Search Again / Refine Query](#) Commoner diagnoses ranked higher. "Horses" Ranked Above "Zebras" Save, Print and Review query later

+ DERMATOLOGY << click to expand	+ INFECTIOUS DISEASES << click to expand
<input type="checkbox"/> Non Melanoma Skin Cancer ? RD	<input type="checkbox"/> Mycoplasmal Infections ? RD
<input type="checkbox"/> Malignant Melanoma ? RD	+ NEOPLASTIC DISEASES << click to expand
<input type="checkbox"/> Steven-Johnson Syndrome ? RD	<input type="checkbox"/> Non-Hodqkin's Lymphoma ? RD
<input type="checkbox"/> Dermatological Disease in HIV ? RD	+ NERVOUS SYSTEM DISORDERS << click to expand
<input type="checkbox"/> Molluscum Contagiosum ? RD	+ CARDIAC DISORDERS << click to expand
- GYNECOLOGICAL DISORDERS >> click to collapse	+ OPHTHALMOLOGY << click to expand
<input type="checkbox"/> Endometriosis ♀ ? RD	
<input type="checkbox"/> Pelvic Inflammatory Disease ♀ ? RD	
<input type="checkbox"/> Vulvovaginitis / Vaginitis ♀ ? RD	
<input type="checkbox"/> Cervical Cancer ♀ <input type="radio"/> RD	
<div style="border: 1px solid black; background-color: yellow; padding: 5px; margin: 5px 0;"> <p>Why did this diagnosis come up ? ✖</p> <p>We matched the terms: abnormal cervical smear sexually active</p> <hr/> <p>Degree of match between query entered and isabel database (Not clinical probability): 43%</p> </div>	
<input type="checkbox"/> Vaginal Carcinoma ♀ ? RD	
<input type="checkbox"/> Genital Ulcer Syndrome ♀ ? RD	
<input type="checkbox"/> Vaginal Cysts ♀ ? RD	