
**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:

#### Original Results

**DERMATOLOGY**
- Non Melanoma Skin Cancer
- Malignant Melanoma
- Steven-Johnson Syndrome
- Dermatological Disease in HIV
- Molluscum Contagiosum

**INFECTIOUS DISEASES**
- Monocytosis

**NEOPLASTIC DISEASES**
- Non-Hodgkin’s Lymphoma

**NERVOUS SYSTEM DISORDERS**

**CARDIAC DISORDERS**

**OPHTHALMOLOGY**

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**SYMPTOMS Search Again / Refine Query**

*Commoner diagnoses ranked higher. “Horses” Ranked Above “Zebras”*

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**Why did this diagnosis come up?**

*We matched the terms: abnormal cervical smear | sexually active*

**Degree of match between query entered and Isabel database (Not clinical probability): 63%**

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**GENEALOGICAL DISORDERS**
- Endometriosis
- Pelvic Inflammatory Disease
- Vulvovaginitis / Vaginitis
- Cervical Cancer

**Vaginal Carcinoma**
- Genital Ulcer Syndrome
- Vaginal Ulcers