Case 13 (April 26 2007): [356(17):1760-1769]

**Demographic:** Female, 46 yrs, Not pregnant, America North, General speciality

**Clinical features extracted from the case and entered into the query box:**
family history of cancer
abnormal pap smear

**Synonyms used by Isabel for the above query:**
none

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:**
Hereditary nonpolyposis colon cancer (HNPCC) / Lynch syndrome
Endometrial cancer
Ovarian cancer
Colonic cancer
Final Diagnosis of the case according to NEJM:
Hereditary nonpolyposis colon cancer (HNPCC) / Lynch syndrome

Differential Diagnoses of the case as given by Isabel:
Hereditary nonpolyposis colon cancer (HNPCC) / Colorectal cancer – Isabel 1st page
Endometrial cancer – Isabel 1st page
Ovarian cancer – Isabel 1st page

Was the final diagnosis given by Isabel:
Yes, Isabel 1st page

Entire presentation cut and pasted into the Isabel query box:
Ovarian cancer – Isabel 1st page
Endometrial hyperplasia – Isabel 1st page
Hereditary nonpolyposis colon cancer – click on Neoplastic diseases heading
Isabel differential:

<table>
<thead>
<tr>
<th>GYNECOLOGICAL DISORDERS</th>
<th>INFECTIONOUS DISEASES</th>
<th>NEOPLASTIC DISEASES</th>
<th>GASTROINTESTINAL DISORDERS</th>
<th>UROLOGIC DISORDERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ovarian Neoplasms</td>
<td>Human Papillomaviral Infections</td>
<td>AIDS-Related Malignancies</td>
<td>Hereditary Nonpolyposis Colon Cancer</td>
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<tr>
<td>Fallopian Tube Carcinoma</td>
<td>Trichomoniasis</td>
<td>AIDS-Related Malignancies</td>
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<tr>
<td>Uterine Neoplasms</td>
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<td>AIDS-Related Malignancies</td>
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<tr>
<td>Cervical Cancer</td>
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<td>AIDS-Related Malignancies</td>
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<tr>
<td>Breast Cancer</td>
<td></td>
<td>AIDS-Related Malignancies</td>
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</tbody>
</table>

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<thead>
<tr>
<th>HEMATOLOGY</th>
<th>DERMAOLOGY</th>
<th>NERVOUS SYSTEM DISORDERS</th>
<th>PSYCHOLOGIC DISORDERS</th>
<th>IMMUNOLOGIC SYSTEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Congenital Heinz Body Anemia</td>
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| ENDOCRINE SYSTEM | | | | |
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<thead>
<tr>
<th>ALLERGIC DISORDERS</th>
<th>RHEUMATIC DISEASES</th>
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