
Demographic: Female, 39 yrs, Pregnant, Africa East (as patient had travelled to Africa East recently), General speciality

Clinical features extracted from the case and entered into the query box:
daily fevers
rigors
malaise
myalgias
fatigue
intermittent diarrhea
bloating
macular rash

Synonyms used by Isabel for the above query:
bloating
diarrhea
rash
malaise
fatigue
myalgias
fevers
rigors

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:**
- Malaria
- Salmonellosis
- EBV

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

**Differential Diagnoses of the case as given by Isabel:**
- Malaria – under Infectious diseases heading
- Salmonellosis – under Infectious diseases heading
- EBV – under Infectious diseases heading

**Was the final diagnosis given by Isabel:**
Yes, Cytomegaloviral Infection – under Infectious diseases heading

**Isabel Differential:**

<table>
<thead>
<tr>
<th>Infectious Diseases</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Influenza and Parainfluenza Viruses</td>
<td></td>
</tr>
<tr>
<td>Bacterial Meningitis</td>
<td></td>
</tr>
<tr>
<td>Acapsis</td>
<td></td>
</tr>
<tr>
<td>EBV Infection</td>
<td></td>
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<tr>
<td>Viral Meningoencephalitis</td>
<td></td>
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<tr>
<td>VZV Infection</td>
<td></td>
</tr>
<tr>
<td>Malaria</td>
<td></td>
</tr>
<tr>
<td>Lyme Disease</td>
<td></td>
</tr>
<tr>
<td>CMV Infections</td>
<td></td>
</tr>
</tbody>
</table>

Why did this diagnosis come up?
We matched the terms: rash | rashes | malaise | fatigue | myalgia | myalgias | fever | fevers | chill | chills

Degree of match between query entered and Isabel database (Not clinical probability): 59%

- CMV Disease in the Immunocompromised Host
  - ? RD

- Gonococcal Infection
  - ? RD

- Meningococcal Disease
  - ? RD

- Salmonella Infections
  - ? RD

- Brucellosis
  - ? RD

- Chikungunya
  - ? RD

- Rickettsialpox
  - ? RD