
Demographic: Male, 47 yrs, America North, General speciality

Clinical features extracted from the case and entered into the query box:
pleuritic chest pain
fever
maculopapular rash
vomiting
chills
diaphoresis
sore throat
frontal headache
lymphadenopathy
productive cough
myalgias
arthralgias
photophobia
neck stiffness

Synonyms used by Isabel for the above query:
sore throat
maculopapular rash
myalgias
neck stiffness
photophobia
pleuritic chest pain
lymphadenopathy
vomiting
productive cough
arthralgias
fever
diaphoresis
headache
chills
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:**
Aseptic Meningitis
Rickettsial Disease
Syphilis
EBV Infection
Influenza

**Final Diagnosis of the case according to NEJM:**
Acute HIV Infection

**Differential Diagnoses of the case as given by Isabel:**
Aseptic Meningitis – under Infectious diseases heading
Rickettsial Disease – under Infectious diseases heading
Syphilis – under Infectious diseases heading
EBV Infection – under Infectious diseases heading
Influenza – under Infectious diseases heading

Was the final diagnosis given by Isabel:
Yes, Acute HIV Infection – under Infectious diseases heading
Isabel Differential:

- Influenza and Parainfluenza Viruses
- Measles Infection
- Bacterial Meningitis
- Viral Meningoencephalitis
- EBV Infection
- Salmonella Infections
- HIV/AIDS
- Tuberculosis
  - Meningococcal Disease
- Yersinia Infection
- Toxic Shock Syndrome
- Arboviral Infections / Encephalitides
- Brucellosis
  - Lyme Disease
- Anthrax
  - Q Fever
  - Lemierre’s Syndrome
  - Lymphogranuloma Venereum
- CMV Infections