
**Demographic:** Female, Not pregnant, 30 yrs, North America

Clinical features extracted from the case and entered into the query box:
- hypotension
- respiratory failure
- fever
- tachycardia
- abscess

Synonyms used by Isabel for the above query:
- hypotension
- respiratory failure
- tachycardia
- fever

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:**
Streptococcal infection

**Final Diagnosis of the case according to NEJM:**
Sepsis due to community-acquired methicillin-resistant Staphylococcus aureus

**Differential Diagnoses of the case as given by Isabel:**
Streptococcal infection

**Was the final diagnosis given by Isabel:**
Yes, (i) Sepsis in Shock
   (ii) MRSA in Infectious
Isabel Differential:

**Enter clinical features**
- **Age:** adult (30-39 yrs)
- **Gender:** female
- **Pregnancy:** not pregnant

**Refine search:**
- **Travel history:** North America

**Show me:**
- Diagnoses
- Causative drugs
- Bioterrorist agents

**Enter clinical features, no negatives, no numbers:**
- Hypotension
- Respiratory failure
- Fever
- Tachycardia
- Abscess

**Add a clinical feature**
- **Get checklist**
- **Clear search**

Isabel is not meant to replace your clinical judgment.

**Diagnoses**

**Most Relevant**

- **Why did this diagnosis come up?**
  - We matched the terms: low bp, low blood pressure, hypotension, hypotensive, respiratory failure, respiratory distress, fever, fevers, sepsis, tachycardia, tachycardic, rapid heart rate.

- **Degree of match between query entered and Isabel database (Not clinical probability):** 100%

- **Sepsis and Shock**

- **Why did this diagnosis come up?**
  - We matched the terms: decreased bp, decreased blood pressure, low bp, low blood pressure, hypotension, respiratory distress, fever, fevers, sepsis, tachycardia, tachycardic, rapid heart rate.

- **Degree of match between query entered and Isabel database (Not clinical probability):** 76%

- **Renal Failure**

- **Myocarditis**

- **Pulmonary Thromboembolism**
  - Pulmonary Embolism and Infarction
  - ARDS

**Feedback:**
- **Submit**