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## **Every Patient Tells A Story – Medical Mysteries and the Art of Diagnosis– Lisa Sanders**

### **Chapter 5: The Look of Illness Pages 83-90 – Jennifer Henderson**

**Demographic:** Female, 31yrs, America North, General speciality

#### ***Clinical features extracted from the case and entered into the query box:***

headache  
sweating  
fever  
cough  
bloody sputum  
tachycardia  
stiff neck  
elevated white blood cell count  
shortness of breath

#### ***Synonyms used by Isabel PRO for the above query:***

fever  
headache  
bloody sputum  
tachycardia  
stiff neck  
cough  
elevated white blood cell count  
shortness of breath  
sweating

## **STOP !**

**Before you read further you might want to construct your own:**

- Differential diagnosis
- Final diagnosis

**In the following section you will find:**

- The differential diagnosis considered by medical personnel involved in the patient's care
- The final diagnosis of the case
- Whether Isabel PRO suggested the final diagnosis

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**Differential diagnoses considered by medical personnel:**

Meningitis  
Pneumonia

**Final diagnosis of the case:**

Staphylococcal Aureaus Sepsis

**Was the final diagnosis given by Isabel PRO:**

Yes, Sepsis and Shock in Shock states.

**Isabel PRO Final Diagnosis:**

The screenshot displays the Isabel PRO interface with the following sections:

- ENTER CLINICAL FEATURES**: Includes dropdown menus for age (adult (30 - 40 years)), gender (female), pregnancy (- not specified -), region (America North), and speciality (General). Below these is a text input area for query terms with the following entries: headache, sweating, fever, cough, bloody sputum, tachycardia, stiff neck, elevated white blood cell count, and shortness of breath. A "Get Checklist »" button is present.
- DEGREE OF MATCH**: Shows a result for "1 SHOCK STATES" with a sub-entry for "Sepsis and Shock". A yellow box explains the match: "Why did this diagnosis come up ? We matched the terms: leukocytosis | sob | shortness of breath | dib | fever | fevers | tachycardia | tachycardic | rapid heart rate | sweating | sweaty | perspiration | sweats | sweat". It also states: "Degree of match between query entered and Isabel database (Not clinical probability): 57%".
- Your Customized View**: A list of 11 body systems: INFECTIOUS DISEASES, RESPIRATORY DISORDERS, CARDIAC DISORDERS, RHEUMATIC DISEASES, HEMATOLOGY DISORDERS, SHOCK STATES, ENDOCRINE DISORDERS, GASTROINTESTINAL DISORDERS, TOXICOLOGY DISORDERS, NEOPLASTIC DISEASES, ENVIRONMENTAL HEALTH DISORDERS, and SHOW ALL DIAGNOSES.