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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 match for "1 SHOCK STATES" with a sub-diagnosis of "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". The degree of match is 57%.
- 11 Body Systems:** A list of system categories including 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.