



Case 9 (December 2009):

Male, 33 yrs, America North region, presented with headache | fever | hepatomegaly | conjunctivitis.

FINAL DIAGNOSIS: Brucellosis. The CMO reported that Brucellosis wasn't on their differential diagnosis list and the diagnosis was made as the result of a liver biopsy. When the CMO used Isabel PRO after the diagnosis was made, Brucellosis was within the differential checklist and he felt if they had used Isabel PRO first they would have considered the diagnosis before a liver biopsy was performed.

The screenshot displays the Isabel PRO interface, divided into two main sections: "ENTER CLINICAL FEATURES" and "DEGREE OF MATCH".

ENTER CLINICAL FEATURES: This section includes dropdown menus for age (adult (30 - 40 years)), gender (male), pregnancy (- not specified -), region (America North), and speciality (General). Below these is a text input field for "ENTER QUERY TERMS ON SEPARATE LINES:" containing the terms: headache, fever, hepatomegaly, and conjunctivitis. A "Get Checklist »" button and a "Search Again" link are also present.

DEGREE OF MATCH: This section shows "42 DIAGNOSES- DEGREE OF MATCH". The top result is "Brucellosis" with a radio button and "RD" label. A yellow box explains the match: "Why did this diagnosis come up ? We matched the terms: conjunctivitis | fever | febrile | fevers | high temperature | high temp | headache | headaches | hepatomegaly". Below this, it states "Degree of match between query entered and Isabel database (Not clinical probability): 81%". Other listed diagnoses include Influenza Viruses, Lyme Disease, and Q Fever, each with a question mark and "RD" label. A "7 Body Systems" section lists categories like INFECTIOUS DISEASES, RHEUMATIC DISEASES, DERMATOLOGY DISORDERS, RESPIRATORY DISORDERS, LIVER DISORDERS, HEMATOLOGY DISORDERS, and TOXICOLOGY DISORDERS, with a "SHOW ALL DIAGNOSES" link at the bottom.