



**Case 7 (September 2009):**

Female, 37 yrs, Not Pregnant, America North region, presented with bruising | headaches | vertigo | nausea | rashes | diaphoresis.

According to the Chief Medical Officer they failed to make the diagnosis and had to refer the patient to their Tertiary Care Centre. If they had used Isabel PRO they may have made the diagnosis without referring the patient on.

**FINAL DIAGNOSIS:** Mercury Intoxication.

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-pregnant), region (America North), and speciality (General). Below these are text input fields for query terms: bruising, headaches, vertigo, nausea, rashes, and diaphoresis. A "Get Checklist" button and a disclaimer "Isabel PRO is not meant to replace your clinical judgment." are also present.
- DEGREE OF MATCH:** Shows search results under "5 TOXICOLOGY DISORDERS". The top result is "Heavy Metal Intoxication" with a sub-entry for "Mercury Intoxication" highlighted in green. A yellow tooltip box explains the match: "Why did this diagnosis come up? We matched the terms: diaphoresis | headache | headaches | rash | nausea. Degree of match between query entered and Isabel database (Not clinical probability): 60%". Other results include "Drug Overdose/Poisoning" and "Environmental / Work Exposure".
- Your Customized View:** A list of "16 Body Systems" including Cardiac Disorders, Endocrine Disorders, Hematology Disorders, Ear Disorders, Dermatology Disorders, Shock States, Toxicology Disorders (highlighted), Metabolic Diseases, Psychologic Disorders, Environmental Health Disorders, Neoplastic Diseases, and a "Show All Diagnoses" option.