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**Case 5 (February 18 2010):** [N Engl J Med. 362\(7\):636-646](#)

**Demographic:** Male, 51 yrs, America North, General speciality

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

hepatitis C infection  
proteinuria  
edema  
hypertension  
headache  
nasal congestion  
ocular pressure  
intermittent blurred vision  
increased urinary frequency  
foamy urine  
night sweats  
joint stiffness

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

proteinuria  
edema  
hypertension  
headache  
nasal congestion  
hepatitis c infection  
night sweats  
joint stiffness  
foamy urine  
increased urinary frequency

**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 PRO contain
- Did Isabel PRO suggest the Final diagnosis

**Differential Diagnoses considered by the MGH panel:**

Systemic lupus erythematosus

**Final Diagnosis of the case according to NEJM:**

Fibrillary glomerulonephritis associated with hepatitis C virus infection

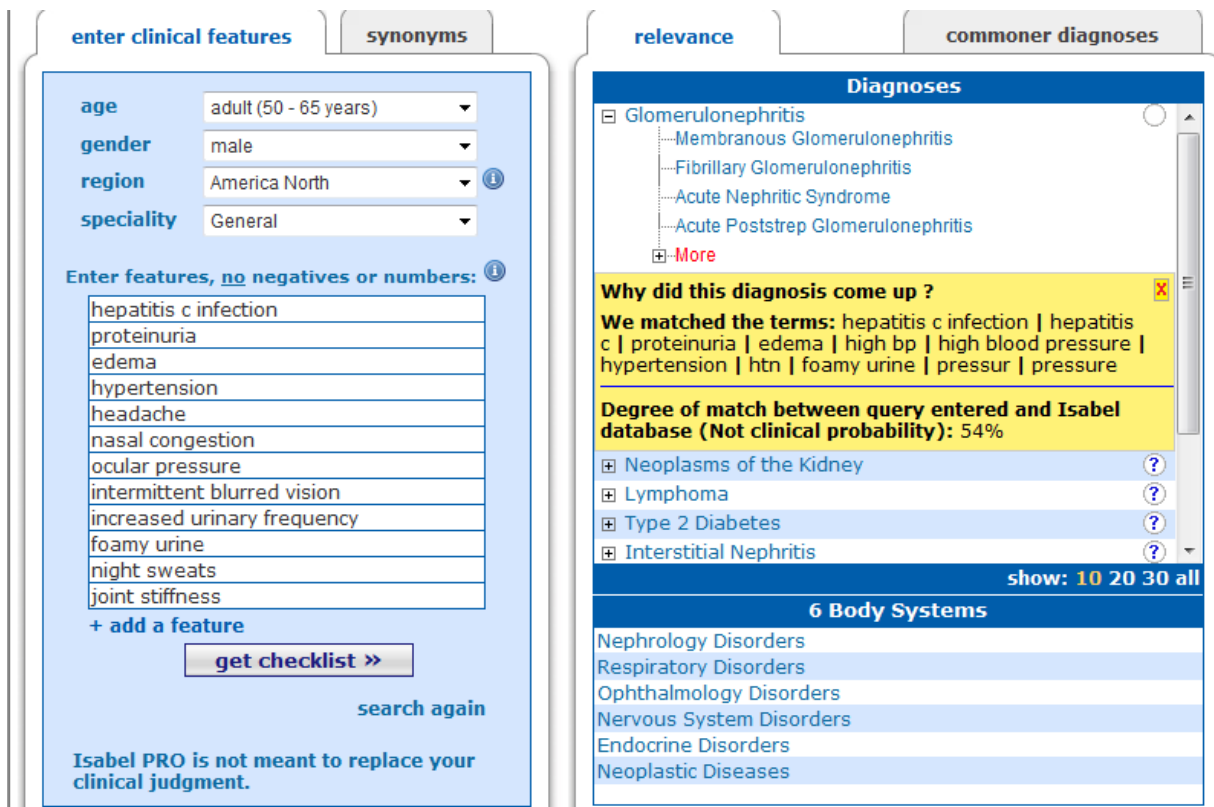
**Differential Diagnoses of the case as given by Isabel PRO:**

Systemic lupus erythematosus – in Rheumatic diseases

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

Yes, Fibrillary glomerulonephritis in Nephrology disorders

**Isabel PRO Final Diagnosis:**



The screenshot shows the Isabel PRO interface with two main panels. The left panel, titled 'enter clinical features', contains dropdown menus for age (adult 50 - 65 years), gender (male), region (America North), and speciality (General). Below these is a text input area for features, with 'hepatitis c infection', 'proteinuria', 'edema', 'hypertension', 'headache', 'nasal congestion', 'ocular pressure', 'intermittent blurred vision', 'increased urinary frequency', 'foamy urine', 'night sweats', and 'joint stiffness' entered. A 'get checklist >>' button and a 'search again' link are at the bottom. A disclaimer states 'Isabel PRO is not meant to replace your clinical judgment.' The right panel, titled 'Diagnoses', shows a list of conditions: Glomerulonephritis (with sub-items: Membranous Glomerulonephritis, Fibrillary Glomerulonephritis, Acute Nephritic Syndrome, Acute Poststrep Glomerulonephritis), Neoplasms of the Kidney, Lymphoma, Type 2 Diabetes, and Interstitial Nephritis. A yellow box explains the match: 'Why did this diagnosis come up? We matched the terms: hepatitis c infection | hepatitis c | proteinuria | edema | high bp | high blood pressure | hypertension | htn | foamy urine | pressur | pressure. Degree of match between query entered and Isabel database (Not clinical probability): 54%'. Below this is a '6 Body Systems' section listing Nephrology Disorders, Respiratory Disorders, Ophthalmology Disorders, Nervous System Disorders, Endocrine Disorders, and Neoplastic Diseases.