



www.isabelhealthcare.com

**Case 1 (January 14 2010):** [N Engl J Med. 362\(2\):156-166](#)

**Demographic:** Male, 75 yrs, America North, General speciality

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

hypertension  
hyperglycemia  
weight gain  
hematuria  
pedal edema  
jugular vein distension  
elevated PSA

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

hypertension  
hyperglycemia  
weight gain  
calf pain  
pedal edema  
hematuria  
elevated PSA  
jugular vein distension

**STOP !**

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

- Final diagnosis

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

- The final diagnosis of the case
- Which of the MGH panel differential diagnoses did Isabel PRO contain
- Did Isabel PRO suggest the Final diagnosis

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

Secondary Cushing's syndrome due to metastatic small-cell carcinoma of prostatic origin.

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

Adrenal tumors – under Endocrine disorders

Ectopic corticotropin syndrome – under Endocrine disorders

**Isabel Healthcare Inc**

3120 Fairview Park Drive, Suite 200, Falls Church, VA 22042

Tel: +1.703.289.8855

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

Yes,

- (i) Cushing's syndrome – under Endocrine disorders
- (ii) Prostate cancer – under Neoplastic disorders

**Isabel PRO Final Diagnosis:**

- (i) Cushing's Syndrome:

**enter clinical features** | synonyms

age: geriatric (65 years - onwards)

gender: male

region: America North

speciality: General

Enter features, no negatives or numbers:

hypertension

hyperglycemia

weight gain

hematuria

pedal edema

jugular vein distension

elevated psa

+ add a feature

get checklist >>

search again

Isabel PRO is not meant to replace your clinical judgment.

relevance | **commoner diagnoses**

**Diagnoses**

Cor Pulmonale	? RD
Pulmonary Edema	? RD
Mitral Stenosis	? RD
SLE	? RD
Cushing's Syndrome	○ RD

**Why did this diagnosis come up ?**

We matched the terms: hypertension | hyperglycemia | weight gain

**Degree of match between query entered and Isabel database (Not clinical probability): 32%**

Mitral Insufficiency / Regurgitation	? RD
Polyarteritis Nodosa	? RD
Pulmonary Hypertension Disorder	? RD
Antiphospholipid Syndrome	? RD
Prostatic Hyperplasia	? RD

show: 10 20 30 all

**12 Body Systems**

- Cardiac Disorders
- Vascular Disorders
- Nephrology Disorders
- Respiratory Disorders
- Rheumatic Diseases
- Liver Disorders
- Urologic Disorders

**(ii) Prostate Cancer:**

**enter clinical features** | synonyms

age: geriatric (65 years - onwards)

gender: male

region: America North

speciality: General

Enter features, no negatives or numbers:

hypertension

hyperglycemia

weight gain

hematuria

pedal edema

jugular vein distension

elevated psa

+ add a feature

**get checklist >>**

search again

Isabel PRO is not meant to replace your clinical judgment.

relevance | **commoner diagnoses**

**Diagnoses**

Tricuspid Stenosis	? RD
Portal Hypertension / Varices	? RD
Chronic Venous Insufficiency	? RD
Pericarditis	? RD
Superior Vena Cava Syndrome	? RD
COPD	? RD
Heart Failure / CHF	? RD
Aortic Aneurysm / Dissection	? RD
Prostate Cancer	♂ RD

**Why did this diagnosis come up ?**

**We matched the terms:** hematuria | elevated prostatespecific antigen | elevated psa

**Degree of match between query entered and Isabel database (Not clinical probability): 42%**

Cardiac Neoplasms	? RD
-------------------	------

show: 10 20 30 all

**12 Body Systems**

- Cardiac Disorders
- Vascular Disorders
- Nephrology Disorders
- Respiratory Disorders
- Rheumatic Diseases
- Liver Disorders
- Urologic Disorders