

Case 38 (December 15 2005): [N Engl J Med 2005;353:2590-600](#)

Demographic: Female, 29 yrs, Pregnant, America North, General speciality

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

second trimester
pitting edema of lower limbs
sacral edema
fatigue
weakness
pallor
renal failure
hypertension
proteinuria
thrombocytopenia
raised lactase dehydrogenase

Synonyms used by Isabel for the above query:

Second trimester
Pallor
Fatigue
Thrombocytopenia
Renal failure
Proteinuria
Hypertension

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 Contain
- Did Isabel suggest the Final diagnosis

Differential Diagnoses considered by the MGH panel:

Preeclampsia

Lupus nephritis in pregnancy

Final Diagnoses of the case according to NEJM:

Clinical diagnosis: Pregnancy-induced flare of systemic lupus erythematosus.
Preeclampsia.

Dr. William's diagnosis: Pregnancy-induced flare of systemic lupus erythematosus.
Preeclampsia, with the nephrotic syndrome, thrombocytopenia, and hemolytic anemia.

Differential Diagnoses of the case as given by Isabel:

Pre-eclampsia (Hypertension in pregnancy) – Isabel 1st page

SLE – Isabel 1st page

Lupus nephritis – Isabel 1st page

Nephrotic syndrome – Isabel 1st page

Was the final diagnosis given by Isabel:

Yes, Isabel 1st page

Entire presentation cut and pasted into the Isabel query box:

Pre-eclampsia – Isabel 1st page

Nephrotic syndrome – click on Nephrology heading

Isabel differential:

<p>CARDIAC DISORDERS << Click here</p> <p>↳ <u>Hypertension in Pregnancy</u> 45% <input type="checkbox"/> <input type="checkbox"/> RD</p>	<p>RHEUMATIC DISEASES << Click here</p> <p>↳ <u>SLE</u> 36% <input type="checkbox"/> <input type="checkbox"/> RD</p>
<p>NEPHROLOGY << Click here</p> <p>↳ <u>Nephrotic Syndrome</u> 32% <input type="checkbox"/> <input type="checkbox"/> RD</p> <p><u>Hemolytic Uremic Syndrome</u> 31% <input type="checkbox"/> <input type="checkbox"/> RD</p> <p>↳ <u>Pathological Proteinuria</u> 29% <input type="checkbox"/> <input type="checkbox"/> RD</p>	<p>UROLOGIC DISORDERS << Click here</p> <p>↳ <u>Urinary Tract Infection</u> 32% <input type="checkbox"/> <input type="checkbox"/> RD</p>
<p>ENDOCRINE SYSTEM << Click here</p> <p>↳ <u>Hypothyroidism</u> 28% <input type="checkbox"/> <input type="checkbox"/> RD</p>	<p>IMMUNOLOGIC SYSTEM << Click here</p> <p><u>IG Heavy / Light Chain Deletions</u> 31% <input type="checkbox"/> <input type="checkbox"/> RD</p>
<p>SHOCK STATES << Click here</p> <p><u>Cardiogenic Shock</u> 28% <input type="checkbox"/> <input type="checkbox"/> RD</p>	<p>INFECTIOUS DISEASES << Click here</p> <p><u>Rocky Mountain Spotted Fever</u> 29% <input type="checkbox"/> <input type="checkbox"/> RD</p>
<p>LIVER DISORDERS << Click here</p>	<p>HEMATOLOGY << Click here</p>
<p>NEOPLASTIC DISEASES << Click here</p>	<p>TOXICOLOGY << Click here</p>