**Case 5 (February 12 2009):** [N Engl J Med. 360(7):711-720](https://doi.org/10.1056/NEJMoa0900526)

**Demographic:** Female, 47 yrs, Pregnancy not specified, America North, General speciality

**Clinical features extracted from the case and entered into the query box:**
- rash
- mottled discoloration and intermittent swelling of legs
- dry eyes
- paraesthesia
- tender cutaneous nodules

**Synonyms used by Isabel for the above query:**
- rash
- paraesthesia
- dry eyes
- swelling

**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:**
- Polyarteritis Nodosa
- Sjögren's Syndrome
**Final Diagnosis of the case according to NEJM:**
Lymphocyte-mediated vasculopathy, with fibrin microthrombi and vascular hyalinization (livedoid vasculopathy), secondary to SLE.

**Differential Diagnoses of the case as given by Isabel:**
Polyarteritis Nodosa – under Rheumatic diseases heading  
Sjögren’s Syndrome – under Rheumatic diseases heading

**Was the final diagnosis given by Isabel:**
Yes, Systemic Lupus Erythematosus – under Rheumatic diseases heading,  
Livedoid Vasculopathy – under Vascular disorders heading.

**Isabel Differential:**

- **DERMATOLOGY**
  - Necrobiosis Fasciitis
  - Malignant Melanoma

- **VASCULAR DISORDERS**
  - Venous Veins
  - Peripheral Arterial Disease
  - Livedoid Vasculitis

- **TOXICOLOGY**
  - Radioactive Isotopes

- **HEMATOLOGY**

- **CARDIOVASCULAR DISORDERS**

- **NUTRITIONAL DISORDERS**