
**Demographic:** Male, 37 years, North America

**Clinical features extracted from the case and entered into the query box:**
- arthralgia
- dyspnea
cough
- pulmonary infiltrates
- fevers
myalgia
- interstitial lung disease

**Synonyms used by Isabel for the above query:**
- arthralgia
dyspnea
cough
- pulmonary infiltrates
- fevers
myalgia
- interstitial lung disease

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:**
- SLE
- HIV
- Infectious mononucleosis
- Adult still disease
- Sjogren’s syndrome
- Mixed connective tissue disease
**Final Diagnosis of the case according to NEJM:**
Interstitial lung disease (bronchiolitis and nonspecific interstitial pneumonitis) and myositis with anti-PL-12 autoantibodies (antisynthetase syndrome).

**Differential Diagnoses of the case as given by Isabel:**
- SLE in Rheumatic
- HIV in Infectious
- Infectious mononucleosis in Infectious
- Sjogren’s syndrome in Rheumatic
- Mixed connective tissue disease in Rheumatic

**Was the final diagnosis given by Isabel:**
Yes, (i) Interstitial lung disease in Respiratory (ii) Antisynthetase syndrome in Rheumatic

**Isabel Checklist Differential:**

[Image of Isabel checklist interface]