
**Demographic:** Male, 3 yrs, America North, General speciality

**Clinical features extracted from the case and entered into the query box:**
recurrent respiratory distress
anemia
pulmonary hemorrhage

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

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:**
Congenital malformations
Infections
Pulmonary–renal syndromes (Goodpasture's syndrome, Systemic lupus erythematosus, Wegener’s granulomatosis, Microscopic polyangiitis, Henoch–Schönlein purpura)
Idiopathic pulmonary hemosiderosis

**Final Diagnosis of the case according to NEJM:**
Idiopathic pulmonary hemosiderosis
**Differential Diagnoses of the case as given by Isabel:**
Idiopathic pulmonary hemosiderosis – Isabel 1st page
Tuberculosis – click on Infectious diseases heading
Pulmonary TB – click on Respiratory system disorders
Goodpasture’s syndrome – click on nephrology heading
Microscopic polyangiitis – click on Rheumatic diseases heading
Systemic lupus erythematosus - click on Rheumatic diseases heading
Congenital malformations...

**Was the final diagnosis given by Isabel:**
Yes, Isabel 1st page

**Entire presentation cut and pasted into the Isabel query box:**
Henoch–Schönlein purpura - click on Rheumatic diseases heading
Congenital malformations...
### Isabel differential for extracted features:

#### RESPIRATORY SYSTEM DISORDERS
- Pulmonary Hemorrhagic Disorders
- Mediastinal Cysts
- Bronchiolitis
- Sinusitis
- Pulmonary TB
- Pulmonary Agenesis
- Viral Induced Wheeze
- FE in the Respiratory Tract
- Subglottic Hemangioma
- Adenoid Hypertrophy
- Emphysema

#### HEMATOLOGY
- Hemochromatosis
- Sickle Cell Disease / Crisis

#### INFECTIOUS DISEASES
- Histoplasmosis
- Influenza and Parainfluenza Viruses
- CMV Infections
- Rocky Mountain Spotted Fever
- Tuberculosis
- Pseudomonas
- HIV / AIDS
- Amoebiasis
- Pertussis

#### NEOPLASTIC DISEASES
- Leukemia
- Soft Tissue Neoplasms

#### GASTROINTESTINAL DISORDERS
- Duplications of the Gastrointestinal Tract
- Peptic Ulcer Disease

#### RHEUMATIC DISEASES
- Microscopic Polyangiitis
- SLE

#### CARDIAC DISORDERS
- Left-to-Right Shunt Lesions

#### NEPHROLOGY
- Goodpasture's Syndrome

#### TRAUMA INJURIES

---

Isabel Healthcare Inc 1254 Lamplighter Way, Reston, VA 20194  
T/F 703-787-0380 E info@isabelhealthcare.com