
Demographic: Male, 9 years, North America

Clinical features extracted from the case and entered into the query box:
fever
cough
chest pain
red and watery eyes
lethargic
erythematous periorbital and cheek region
enlarged cervical lymph node
shortness of breath
tachypnea
weight loss

Synonyms used by Isabel for the above query:
fever
cough
chest pain
red and watery eyes
lethargic
shortness of breath
tachypnea
weight loss

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:
Langerhans’ cell histiocytosis
Final Diagnosis of the case according to NEJM:
Hypersensitivity pneumonitis caused by Aspergillus fumigatus and A.flavus exposure

Differential Diagnoses of the case as given by Isabel:
Langerhans’ cell histiocytosis in Neoplastic

Was the final diagnosis given by Isabel:
Yes, (i) Hypersensitivity pneumonitis in Respiratory (ii) Aspergillus in infectious

Isabel Checklist Differential: