

A Case Report of *Aspergillus* Hypersensitivity Syndrome with Obstructing Bronchial Aspergillosis

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Abstract

Introduction: A 62-year-old Indian male with diabetes mellitus presented with atypical, overlap features of *Aspergillus* hypersensitivity syndrome and obstructing bronchial aspergillosis. **Clinical Picture:** He was febrile and tachypnoeic with diffuse crepitations and wheezing. Chest X-ray was normal but eosinophil count was 2900/mm³ and Ig E >10,000 IU/ml. **Treatment and Outcome:** He responded initially to high dose steroid therapy but deteriorated subsequently from extensive mucus plugging of the bronchial tree which resulted in respiratory failure and death. He was HIV-negative. **Conclusion:** Culture and histologic examination of bronchoscopically identified tracheobronchial mucus plugs should be performed as early treatment may be life-saving.

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Key words: Diabetes mellitus, HIV-negative, Obstructing bronchial aspergillosis

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