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### Clinical and Imaging Findings in 18 Patients with Eosinophilic Pneumonia

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#### Abstract:

**Background/Objective:** Eosinophilic pneumonia is a rare cause of lung disease in adulthood. The relatively non-specific clinical presentations of this disease process make the diagnosis a unique challenge. Herein, we reported on clinical and radiological manifestations of this rare clinical entity in 18 patients.

**Patients and Methods:** We retrospectively reviewed the medical records of 18 patients with acute eosinophilic pneumonia in Masih Daneshvari Medical Center. Diagnostic criteria were based on clinical, laboratory and imaging findings.

**Results:** The most clinical manifestations were cough and weight loss 15 (0.83) followed by dyspnea 13 (0.72). The most frequent imaging findings were diffuse opacities (reticulo-nodular or alveolar infiltration) in 11 (0.65), consolidation in six (0.33) and ground-glass opacities in four (0.28) patients.

**Conclusion:** Diffuse rather than peripheral air-space opacities in imaging of a patient presented with dyspnea, cough, sputum, constitutional symptoms and eosinophilia should make us to think about eosinophilic pneumonia as one of differential diagnoses.

#### Keywords:

pulmonary eosinophilia . diagnostic imaging

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