

Abstract

Introduction: Eosinophilic myositis is a rare form of inflammatory myopathy. It is characterised by eosinophilic muscle infiltration and/or high blood eosinophilia.

Clinical presentation: This case describes a 67-year-old male who presented with low-grade fever and constitutional symptoms associated with myalgia and muscle weakness. He also developed respiratory distress probably due to respiratory muscle involvement. He had a peripheral blood eosinophilia. ANA, anti-Jo antibodies and ANCA were negative and tests for common parasitic infections were negative. Muscle biopsy demonstrated an eosinophilic infiltrate with evidence of muscle damage. The patient rapidly responded to a course of corticosteroids.

Conclusion: A diagnosis of eosinophilic myositis should be considered in a patient presenting with myositis and blood eosinophilia. A muscle biopsy is essential to make the diagnosis. Corticosteroids are the first-line treatment option.