

Coexistence of anti-MDA5 and anti-PL-7 in a patient with dermatomyositis: a case report

Hongyan Fu¹, Shaofeng Sun¹, Hong Zhang¹, Shuhong Chi¹, Weirong Ma¹, Guilan Yang¹, and juan chen¹

¹General Hospital of Ningxia Medical University

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Abstract

Anti-melanoma differentiation-associated gene 5 (anti-MDA5) and anti-threonyl-tRNA synthetase (anti-PL-7) are myositis-specific autoantibodies, associated with rapidly progressive interstitial lung disease (RP-ILD). A 41-year-old woman presented productive cough, dyspnea, and muscle pain. Anti-MDA5 and anti-PL-7 were double-positive. The patient was diagnosed with dermatomyositis-associated ILD, and responded successfully to glucocorticoids and immunosuppressants.

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