中文題目：帶有 MDA5 抗體之皮肌炎患者產生快速進展之間質性肺炎以及多發性神經病變

英文題目：Rapidly progressive interstitial pneumonitis and demyelinating polyneuropathy in the patient with anti-MDA5 dermatomyositis

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Background or Statement of purpose

Patients with serum anti-melanoma differentiation-associated gene 5 (MDA5) autoantibody is related to amyopathic dermatomyositis, especially in Asians. The anti-MDA5 is identified from the group of clinically amyopathic dermatomyositis (CADM) initially and associated with rapidly progressive interstitial lung disease (ILD).

Methods

Here we described the patient with anti-MDA5 positive dermatomyositis who's initial presentation mimicking demyelinating polyneuropathy.

Results

The patient had mucocutaneous symptoms including transient rash in the "holster" configuration, multiple nail ulcers, and demyelinating polyneuropathy in the absence of pathological myopathy. Rapid progression of interstitial pneumonitis complicated by P. jiroveci and Aspergillus pneumonia contributed to septic shock and ARDS.

Conclusion

Although it is rare that patients with anti-MDA5 Ab present with demyelinating polyneuropathy. Clinicians should be aware that patients present demyelinating polyneuropathy combination with dermatomyositis-like mucocutaneous lesions and serum anti-MDA5 positive. It may be the symbol of hypomyopathic or amyopathic dermatomyositis with a poor prognosis.