Myositis - Update on diagnosis and treatment

Cập nhật chẩn đoán, phân loại và điều trị viêm cơ

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ABSTRACT

Idiopathic inflammatory myopathies, also known as immune-mediated myopathies or myositis for short, is a group of relatively treatable diseases characterized by an inflammation of striated muscles, which the mechanisms of this group involve disorders of the immune system. Besides muscle tissue, this disorder can cause damage to other organ systems such as skin, lung parenchyma, heart muscle, and digestive system.

This heterogeneous nature of this disease makes the diagnosis, prognosis, and treatment approach somehow difficult. The initial diagnosis requires a combination of clinical examination, muscle enzymes, electrophysiological diagnosis, serology antibodies, muscle MRI, and muscle biopsy. From its first diagnostic criteria in 1975 by Bohan and Peter to new understandings about serology and pathology, the diagnosis criteria and sub-group classification were changed dramatically. Hence, the therapy and prognosis are depend so much on that.

This presentation will summarize the current diagnosis criteria, classification, and treatment approach with the application of clinical scenarios, auto-antibodies, and muscle biopsy.

Keywords: IIMs (idiopathic inflammatory myopathies), MSA (muscle-specific auto-antibodies), muscle biopsy.