

CASE REPORTS

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A Case Study on Polymyositis

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ABSTRACT

Polymyositis, an autoimmune and chronic inflammatory myopathy, is characterized by symmetrical proximal muscle. The estimated prevalence of polymyositis and dermatomyositis is 5 to 22 per 100,000 persons, and the incidence is approximately 1.2 to 19million persons at risk per year. The commonly responsible viruses for polymyositis are the retroviruses (HIV) and HTLV1, and hepatitis C virus. It develops due to abnormal activation of cytotoxic T lymphocytes (CD8 cells) and macrophages against muscular antigens that result in rhabdomyolysis and ultimately presents as a proximal myopathy. The case discussed about the progression of the disease.

Key word: Polymyositis, CD 8 cell, inflammatory disease, non-communicable diseases, rhabdomyolysis.

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