

## Pelvic girdle myopathy caused by isotretinoin: Case report and discussion of pathophysiology

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**Introduction:** Isotretinoin is the mainstay therapy for severe and nodulocystic acne. Myalgia and muscle stiffness have been reported in 16-51% of patients treated with isotretinoin, while elevated serum creatine kinase (CK) levels have been found in up to 41%. In this paper, we report, for the first time, the occurrence of pelvic girdle myopathy in a teen who received isotretinoin therapy.

**Methods:** This was a case study conducted at King Khalid Hospital.

**Results:** Histopathology and other laboratory data were consistent with an inflammatory myopathy based on a vasculitic process.

**Conclusion:** Our data indicate that the myopathy caused by isotretinoin is an inflammatory process based on vasculitis, resulting in ischemic muscle necrosis.

### Biography

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