

## 65<sup>th</sup> ANNUAL DIAGNOSTIC SLIDE SESSION 2024

### CASE 2024-7

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#### Clinical History:

This 16-year-old male patient presented with hypertrophic cardiomyopathy requiring a heart transplant. Two months following the transplant, he developed weakness and elevated creatine kinase (2945 U/L). This was initially interpreted as a steroid-induced myopathy and prednisone was discontinued. Despite discontinuation, he continued to experience weakness and elevated creatine kinase, which then prompted a skeletal muscle biopsy.

#### Material submitted:

1. H&E section of frozen skeletal muscle
2. Gomori trichrome section of frozen skeletal muscle

#### Points for discussion:

1. Differential diagnosis and key ancillary testing
2. Clinical correlation