

# CENTRAL ILLUSTRATION: Skeletal muscle phenotype in patients with truncating titin variants and familial dilated cardiomyopathy

## Design



25 individuals with TTNtv (most common cause of DCM)

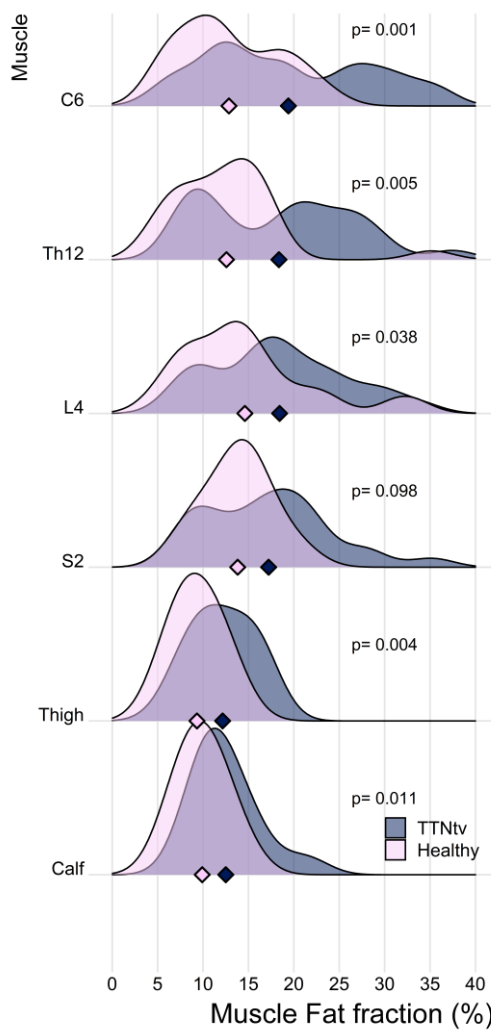


Fat fraction on muscle MRI (compared to matched controls)

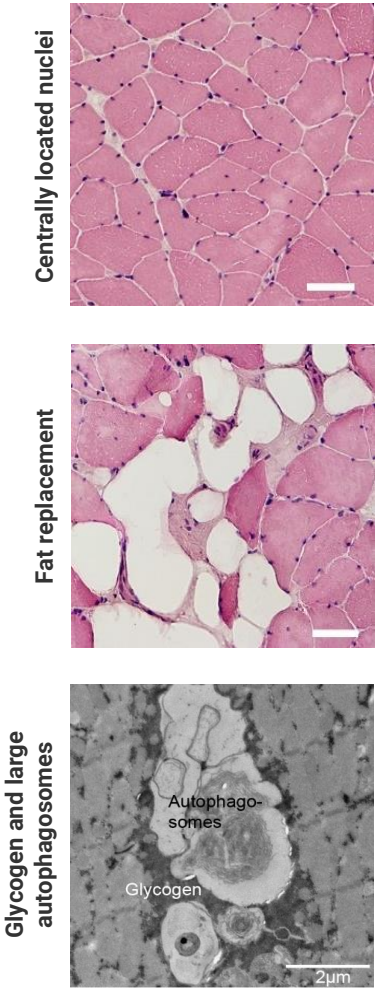


Histology and ultrastructure on muscle biopsies

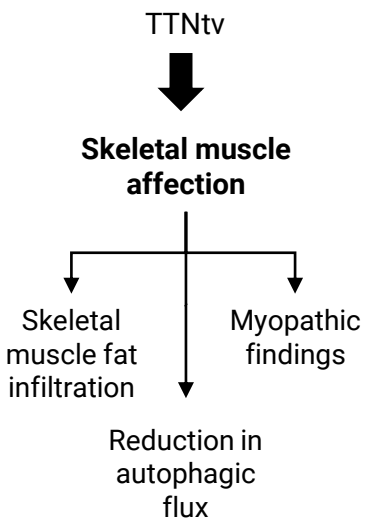
## Fat replacement of skeletal muscle



## Muscle biopsy findings



## Clinical message



TTNtv have an impact beyond the heart. Further exploration concerning the effects on skeletal muscle and on clinical care and diagnostic work-up are warranted