

Myosin heavy chain

Since slower MHC fiber types are associated with weaker contractile force and slower contractile speed, this faster-to-slower fiber type shift in tibialis anterior (TA) muscles may contribute to weaker and slower muscle contraction in this muscle after stroke. This finding may indicate potential therapeutic benefit from treatments known to influence fiber type plasticity ¹⁾.

¹⁾

Snow LM, Low WC, Thompson LV. Distinct patterns of fiber type adaptation in rat hindlimb muscles 4 weeks after hemorrhagic stroke. Am J Phys Med Rehabil. 2018 Oct 4. doi: 10.1097/PHM.0000000000001062. [Epub ahead of print] PubMed PMID: 30286018.

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