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Research Article

Open Access Research Article PTZAID:AMM-4-121

In Vivo Human Gastrocnemius Architecture With Changing Joint Angle at Rest and During Graded Isometric Contraction of Normal and Weak Muscle

Published On: July 31, 2020 | Pages: 010 - 014

Author(s): Yuri Koryak*

Architectural properties of the triceps surae muscles complex were determined in vivo for thirty subjects. These subjects were assigned to two groups. The first group of subjects consisted of 8 healthy men and the second group of subjects was composed of 22 patients with motor disorders. The ankle was positioned at -15 ° (dorsiflexion), and 0 ° (neutral anatomical pos ...

Abstract View Full Article View DOI: 10.17352/amm.000021

Open Access Research Article PTZAID:AMM-4-120

The 6-minute walk-test in type 2 diabetics predicts to some extent maximal aerobic capacity but not its training-induced improvement

Published On: July 10, 2020 | Pages: 003 - 009

Author(s): Jean-Frédéric Brun*, Justine Myzia, Gaspard Bui, Elizabeth Grubka, Marie Karafiat, Jacques Mercier and Eric Raynaud de Mauverger

Objective: Six- minutes' walk-test (6MWT) is a measure of physical fitness widely studied and validated in chronic pathologies with sedentary lifestyles. It is an aerobic fitness test, correlated with maximum oxygen consumption (VO2max) in some studies, but this correlation is not well established in diabetes. We assessed the extent to which it predicts VO2max and its ...

Abstract View Full Article View DOI: 10.17352/amm.000020

Case Study

Open Access Case Study PTZAID:AMM-4-119

Co-occurrence of Guillain-Barré syndrome and myasthenia gravis, the first report in Iran

Published On: March 16, 2020 | Pages: 001 - 002

Author(s): Shghayegh Rismanchi, Mojtaba Rismanchi* and Mehdi Karimian

GuillainBarré syndrome and myasthenia gravis are two immune mediated neuromuscular diseases, both threaten respiratory function and may emerge as medical emergencies. Co-occurrence of the two entities though possible is a rare condition, and therefore poses special diagnostic difficulties. Herein, a report of co-presentation of GuillainBarré syndrome and myasthenia ...

Abstract View Full Article View DOI: 10.17352/amm.000019