

In this issue

Research Article

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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 ...

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

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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 (VO_{2max}) in some studies, but this correlation is not well established in diabetes. We assessed the extent to which it predicts VO_{2max} and its ...

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Case Study

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 ...

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