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In this issue

Research Article

Open Access Research Article PTZAID:JNPPR-2-127

Normative Values for Active Lumbar Range of Motion in Children and Confounding Factors that Affects the Active Lumbar Range of Motion

Published On: December 03, 2015 | Pages: 062 - 068

Author(s): Sanjeevni Sawale*, Richa Bisen and Senthil Kumar E

Purpose: The purpose of this study was to establish normative values for active lumbar movement in children five, seven, nine, and 11 years of age and to find the confounding factors that affect the lumbar range. ...

Abstract View Full Article View DOI: 10.17352/2455-5487.000027

Open Access Research Article PTZAID:JNPPR-2-125

Exploring the Extent of Restoration of Voluntary Movements, Function, Quality of Life and Cost of Formal Care in Dense Strokes Treated by the Optokinetic Chart Stimulation Based OKCSIB Protocol: A Prospective Pilot Randomised Case Controlled Study

Published On: October 05, 2015 | Pages: 051 - 057

Author(s): Benjamin Chitambira* and David Smithard

Background: Stroke remains one of the largest causes of impairment and disability globally. Stroke involves high costs to the health economy. ...

Abstract View Full Article View DOI: 10.17352/2455-5487.000025

Open Access Research Article PTZAID:JNPPR-2-124

Comparison of Effects of Flutter Device versus Autogenic Drainage on Peak Expiratory Flow Rate, Oxygen Saturation, Respiratory Rate and Pulse Rate in COPD Patients

Published On: October 01, 2015 | Pages: 044 - 050

Author(s): Shabnam Jahan, Lokender Kumar* and Faizan Ahmed

Purpose: To evaluate the effects of short term treatment of Flutter device and Autogenic Drainage (AD) in patients with chronic obstructive pulmonary disease (COPD). ...

Abstract View | Full Article View | DOI: 10.17352/2455-5487.000024

Open Access Research Article PTZAID:JNPPR-2-122

Muscle Activity, and the Association between Core Strength, Core Endurance and Core Stability

Published On: June 29, 2015 | Pages: 028 - 034

Author(s): Atle Hole Saeterbakken*, Marius Steiro Fimland, Jonas Navarsete, Trine Kroken and Roland van den Tillaar

Introduction: Core training is often divided into the training approaches core endurance-, core stability- and core strength training. The aim of the study was to compare the association between core strength, core endurance and core stability testing 52 healthy males and females. ...

Abstract View | Full Article View | DOI: 10.17352/2455-5487.000022

Review Article

Open Access Review Article PTZAID:JNPPR-2-123

A Review of the Possible Effects of Physical Activity on Low-Back Pain

Published On: August 31, 2015 | Pages: 035 - 043

Author(s): Edward J Sinkule*

Objective: Low back pain (LBP) represents the most prevalent and costly repercussion from musculoskeletal injury in the work place. This review examines the earlier and current research reported on the significance of physical activity on musculoskeletal injuries and LBP, the benefits and limitations of therapeutic exercise, and the potential features of various exerc ...

Abstract View | Full Article View | DOI: 10.17352/2455-5487.000023

Case Report

Open Access Case Report PTZAID:JNPPR-2-126

Novel Use of Optokinetic Chart Stimulation to Restore Muscle Strength and Function in a Bed Bound Traumatic Brain Injury Patient that was in a Vegetative State of Unconsciousness: A Case Study

Published On: October 14, 2015 | Pages: 058 - 061

Author(s): Ciara R McConaghy and Benjamin Chitambira*

Introduction: Patients with severe traumatic brain injury are known to have poor outcomes. The prognosis is even worse if they remain vegetative or minimally conscious for months. The objective of this case report is to highlight the novel use of optokinetic chart stimulation to improve muscle strength and functional mobility in a patient who was in a vegetative st ...

Abstract View Full Article View DOI: 10.17352/2455-5487.000026

Editorial

Open Access Editorial PTZAID:JNPPR-2-128

Six Minute Walk Test: Functional Evaluation and Prognosis in Heart Failure

Published On: December 31, 2015 | Pages: 069 - 069

Author(s): Mauricio de Sant Anna Jr*

The determination of functional capacity is of fundamental importance in monitoring and defining the prognosis of patients with heart failure (HF) may be the six minute walk test (6MWT) is a possibility. ...

Abstract View Full Article View DOI: 10.17352/2455-5487.000028