

In this issue

Research Article

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## **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. ...

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## **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. ...

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## **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). ...

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## **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. ...

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### **Review Article**

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## **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 ...

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### **Case Report**

## **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 ...

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### **Editorial**

## **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. ...

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