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In this issue

Research Article

Open Access Research Article PTZAID:JNPPR-12-208

Pilot Study on the Clinical Applicability of Non-invasive Joint Distraction using the JD Device for Knee and Hip Osteoarthritis: A Retrospective Observational Study

Published On: October 07, 2025 | Pages: 006 - 012

Author(s): Wolfgang Zinser*, Tom Zinser, Erwin Sturmair and Frank Diemer

Background: Knee and hip osteoarthritis are among the most common degenerative joint diseases and are associated with significant limitations in quality of life. Mechanical joint distraction is considered a promising approach to pain relief and joint function improvement. The aim of this retrospective observational study, designed as a pilot study to serve as a starti ...

Abstract View Full Article View DOI: 10.17352/2455-5487.000108

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Efficacy of Proprioceptive Neuromuscular Facilitation (PNF) Technique in Patients with Cervical-Originated Arm Pain on Pain and Functional Disability: A Single-Arm Pilot Trial

Published On: October 01, 2025 | Pages: 001 - 005

Author(s): Datri Bhattacharyya and Shilpasree Saha*

Background: Cervical-originated arm pain (COAP) occurs when a cervical nerve root is affected, causing pain and muscle weakness that can lead to disability. The PNF technique concentrates on activating both the agonist and antagonist muscle groups to enhance neuromuscular control and improve functional movement patterns. The current study aimed to determine the effect ...

Abstract View Full Article View DOI: 10.17352/2455-5487.000107

Review Article

Open Access Review Article PTZAID:JNPPR-12-210

Technology-guided Precision Training of the Paretic Lower Extremity to Enhance Recovery of Locomotion Post Stroke: A Hypothesis-driven Perspective

Published On: December 19, 2025 | Pages: 019 - 023

Author(s): Gad Alon*

Maximising locomotor independence following stroke remains a central goal of neurorehabilitation. Traditional manual techniques, while foundational, are insufficient to fully restore locomotion independence. This paper offers an interpretation of published evidence regarding post-stroke rehabilitation and advocates for a construct of hypothesis-driven approach combine ...

Abstract View Full Article View DOI: 10.17352/2455-5487.000110

Case Report

Open Access Case Report PTZAID:JNPPR-12-209

A Case of Postoperative Physiotherapy Management after Uncemented Total Hip Arthroplasty in an Individual with Bilateral Avascular Necrosis: A Study of Functional Recovery using Harris Hip Score

Published On: December 19, 2025 | Pages: 013 - 018

Author(s): Mayank Shukla* and Utshab Rai

Background: Avascular necrosis (AVN) of the femoral head is a progressive condition that often leads to severe functional limitation and necessitates Total Hip Arthroplasty (THA). While surgical techniques continue to advance in bilateral involvement of young patients, postoperative physiotherapy remains the cornerstone of optimal functional recovery. This case report ...

Abstract View Full Article View DOI: 10.17352/2455-5487.000109