2025 | Volume Volume - 11 - Issue Issue - 1

In this issue

Research Article

Open Access Research Article PTZAID:JNPPR-11-204

Padded geriatric headbands to mitigate fall injuries

Published On: April 12, 2024 | Pages: 010 - 015

Author(s): Yong K Kim* and Armand F Lewis

In response to information that more older Americans are dying from accidental falls, UMass Dartmouth researchers have addressed the problem by employing Flocked Impact Energy Absorbing (FEAM) materials to design special Wrap-Around Padded Headband (WAPH) garment structures. Such headband structures are intended for use by geriatric patients who might be vulnerable to ...

Abstract View Full Article View DOI: 10.17352/2455-5487.000104

Open Access Research Article PTZAID:JNPPR-11-203

Virtual reality training and pain neuroscience plus motor control on pain, disability, health, and quality of life of women with non-specific chronic back pain

Published On: January 18, 2024 | Pages: 001 - 010

Author(s): Ensiye Reza*, Rafael Oliveira, Behrooz Sarvari Far, Faeze Molaee and Hadi Mohammadi Nia Samakosh

Background: Non-specific chronic low back pain is defined as a complex disorder involving structural, biomechanical, cognitive, psychological, social, and lifestyle factors. This randomized clinical trial study compared the effects of 8-week Virtual Reality Training (VRT) and pain neuroscience plus motor control training (PNE/MCT) on pain, disability, health, and qual ...

Abstract View Full Article View DOI: 10.17352/2455-5487.000103