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Padded geriatric headbands to mitigate fall injuries

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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 ...

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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

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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 ...

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