How can patient handling equipment affect the posture of patients and staff, A Latera Approach

Abstract

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Most people continue to use the poor moving and handling practices that can cause injury. The prevalence of sickness and absence related to moving and handling injuries has changed very little over time and if anything it is getting worse costing the National Health Service over eighty million pounds a year (Haslam et al 2007).

We have demonstrated in previous studies that visual and haptic technology can reshape motor skills learning so that individuals can learn from visualising their posture through vibrotactile feedback and learn through a simulated experience.

The Linet UK Latera Acute four section electric profiling bed frames lateral tilt facility claims to ease the physical strain on nursing staff helping them to perform routine nursing activities with the minimum of effort (Linet UK 2008).

The users will have a sensory interaction via an immersive environment which is created through a computer whilst standing a patient without the lateral tilt and then with the lateral tilt function on. These interactions will involve the human senses through the use of vibrotactile feedback.

References:


Linet UK (2008) Latera Acute four section electric profiling bed frame Information Leaflet