

Effect of Kinesio Taping on Improve Ankle Range of Motion in Children with Hemiparesis

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ABSTRACT

Background and Purpose: Improvement of functional range of motion in children with hemiparesis is a primary goal of most therapeutic interventions. The purpose of this study was to determine the effect of kinesio taping on ankle range of motion in hemiparetic children. **Methods:** Thirty hemiparetic children from both sexes participated in this study, their ages ranged from two to six years. They were divided randomly into two groups: control and study. Control group received a designed physical therapy program, while study group participated in the same program in addition to ankle kinesio taping. The ankle range of motion was assessed using the digital goniometer for children of both groups before and after three successive months of treatment. **Results:** There was significant increase in the ankle range of motion in favor to study group. **Conclusion:** It may be concluded that using ankle kinesio taping with physical therapy program for hemiparetic children may improve ankle range of motion that may affect functional activities including walking.

Keywords: Hemiparesis, Ankle, Kinesio Taping, Children.