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### Effect of taping on hand functions in spastic hemiplegic children

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**Background:** Skilled hand movements involving grasping usually develop poorly in children with spastic hemiplegic cerebral palsy and even with mild spasticity the range of wrist joint begun to decrease in relation to normal children.

**Objective:** The purpose of the study was to investigate the effect of taping on the hand functions in spastic hemiplegic children.

**Study Design:** Randomized controlled trial.

**Study participants and setting:** Fourteen children were divided into two groups of equal numbers. Group A (Control group) received especially designed therapeutic exercise program, Group B (Study group) received especially designed therapeutic exercise program in addition to application of taping.

**Material and Methods:** Both groups were evaluated for their hand functions prior and after a course of 3 months-training program specified for each group using the Peabody Developmental Motor Scale-2 (PDMS-2).

**Result:** There was a significant improvement in both groups also significant difference was recorded between the two groups post treatment in favor of the study group.

**Conclusion:** Use of taping can be helpful as an additional therapeutic modality for improving the hand functions in hemiplegic children.

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