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## **Immediate Effects of Novel Hand Rehabilitation Board on Fine Motor Skills in Children with Cerebral Palsy.**

Romita Fernandes. Abraham

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1. **Title:** Immediate Effects of Novel Hand Rehabilitation Board on Fine Motor Skills in Children with Cerebral Palsy. **Authors:** Amitesh Narayan, Abraham M Joshua, Romita Fernandes.

**Keywords:** Cerebral Palsy, Hand Rehabilitation, Fine Motor Skills, Peabody Developmental Scale (PDMS-2)

**Abstract:**

**Objective:** To document the immediate effects of Novel Hand Rehabilitation Board on fine motor abilities in children with CP (with UE involvement) through PDMS-2 fine motor subtests. **Methods:** 15 children (boys=7, girls=8) with spastic CP with UE involvement aged 49-72 months ( $65.33 \pm 6.355$  m). **Results:** Post- intervention the percentage change in PDMS 2 Grasping and Visual motor integration subtests were 11.03% ( $p= 0.002$ ) and 5.09% ( $p= 0.001$ ) respectively. **Conclusions:** Novel Hand Rehabilitation Board is effective and can be recommended as an intervention to improve the fine motor skills in children with CP.