

**COMBINATION OF MYOFASCIAL RELEASE AND NEURODEVELOPMENT  
TREATMENT ON DECREASED SPASTICITY AND FUNCTIONAL STANDING  
OF CHILDREN WITH CEREBRAL PALSY SPASTIC DIPLEGI**

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**ABSTRACT**

**Background:** cerebral palsy spastic diplegi is a neuromotor disorder that affects the development of movement, muscle tone and posture. Spasticity is a symptom that is often experienced in children with cerebral palsy. Spasticity in children with cerebral palsy causes several disorders such as impaired balance and postural control, one of which is motor functional disorders in children with cerebral palsy spastic diplegi, which is a functional disorder of standing. Therefore, this study provides an intervention in the form of a combination of myofascial release and neurodevelopment treatment against the decrease in spasticity and functional standing of children with cerebral palsy and spastic diplegia. **Objective:** To analyze the decrease in spasticity and improvement of standing function in children with Cerebral palsy Spastic Diplegi, before and after the treatment of Combination Myofascial release and Neurodevelopment treatment. **Methods:** This study is a quantitative research with a type of quasi-experimental research with a plan of one group pre and post test without control group. With 25 respondents using the Fixed Disease Sampling technique. The measurement of spasticity uses the asworth scale and the measurement of standing function uses the Gross motor function measure (GMFM) D Dimension. **Results:** Based on the Wilcoxon Test using the Asworth Scale and Gross motor function measure (GMFM) measurement instruments Dimension D with a significance value of 0.01 ( $p < 0.05$ ). **Conclusion:** There is an effect of a combination of myofascial release and neurodevelopment treatment on decreasing spasticity and improving standing function in children with cerebral palsy spastic diplegi.

**Keywords:** Cerebral palsy; Spasticity; Diplegi; Myofascial release; Neurodevelopment treatment; Gross motor function measure (GMFM); Functional Standing; Asworth Scale