Effects of the Probody Massage on the Physiological Variables, Gross Motor Function and ROM in Youth with Cerebral Palsy: Case study

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**Purpose:** The purpose of this study was to investigate the effects of the Probody Massage program on the physiological, gross motor function and ROM (Range Of Motion) of children with cerebral palsy.

**Method:** The subjects of this study were three children who have been diagnosed with first grade of cerebral palsy that are utilized at T development support center located in B Metropolitan City for 8 weeks twice a week, was carried out the Probody Massage of 30 minutes. Physiological reactions are height, weight, BMI, blood pressure, an index of inflammation, a pulse rate, a large operating functions are sit and the crawl, the joint range of motion as an angle of the upper limbs of the shoulder articulation, was measured pretest, after 4 weeks, after 8 weeks. Research results are as follows.

**Result:** As the Probody Massage program is showed a positive change in physiological reactions (Height, Weight, BMI, Blood pressure, An indicator of inflammation and Pulse), gross motor function (Sitting and Crawling) and joint range of motion of children with cerebral palsy.

**Conclusion:** I believed to provide a practical effect on the growth and development, the functional recovery of daily life, the improvement of quality of life of children with cerebral palsy by utilizing a program to improve blood pressure, an indicator of inflammation, pulse, sit, crawl, the joint range of motion as an angle of the upper limb shoulder joint movement of children with cerebral palsy.

**Key words:** Probody Massage, ROM, Cerebral Palsy, Gross Motor Function

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