

**Management of Cerebral Palsy:
A COMPARATIVE STUDY BETWEEN SINGLE
TREATMENT APPROACH & A COMBINATION
OF APPROACHES**

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ABSTRACT

Background:

Cerebral palsy is the commonest condition encountered by pediatric occupational therapists. All over the world occupational therapists frequently use a combination of treatment approaches in the management of CP, but in Bangladesh its reliability is not established yet.

Aim of the study:

The study sought to determine whether combination of treatment approaches is more effective or not than any single treatment approach in the management of cerebral palsy.

Method:

All 10 participants were conveniently recruited and randomly assigned either in the control group or in the experimental group.

Study design:

True experimental: R O X O
 R O O

Result:

Subjects in the combination of approaches (experimental) group showed significantly greater improvement in postural control, gross motor skills, fine motor skills and muscle tone reduction than the control group.

Conclusion:

These findings suggest that a combination of treatment approaches is more effective than any single treatment approach in the management of cerebral palsy.

Key words:

Occupational Therapy, Cerebral Palsy, Postural Control, Gross Motor Skills, Fine Motor Skills, Muscle Tone, Neurodevelopmental Treatment, Motor Learning Theories, Movement Therapy of Brunnstrom, Sensory Integrative Therapy.