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**A Unique Approach of MFT & GFST For Therapeutic Intervention On “Trisomy- 21”
Children to Maximizing the Potential**

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Introduction:Children with Trisomy-21 who usually present with delay in motor development along with atypical swallowing, mouth breathing, lip incompetence, greater postural sway. So, it is essential to seek an ideal physical therapy program to help in clear up such widespread problems.

Objective:The objective of the study was to examine the effect of Myofunctional Therapy & Gravity Force Stimulating Potential Therapy on atypical Nasal-oral function and balance in children with Trisomy-21.

Design:Quasi-Experimental Study.

Methods:Ten children with Trisomy-21 including both sexes ranging in age from 3 to 6 years (4.36 ± 0.78 years) represented the sample of this study. 10 Children are assigned to a single group.

Procedure:Evaluation at baseline and post 12- week intervention for each child was conducted. 1) Pediatric Balance Scale (PBS) was used to evaluate the balance along with 7 functional goals to evaluate the Nasal-Oral function. 2) Our treatment approach lasted about 12-week. 3) At home, the child had to repeat each exercise at least twice a day.

Results:Analysis of Pre & Post-test values of PBS using paired t-test have shown the p-value is <0.05

Conclusion:MFT and GFSPT therapeutic intervention show a significant improvement in the Nasal-Oral atypical functions & balance in children with Trisomy-21.

Reference:

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