

Official Study Title: Investigation of the Effect of Elastic Lower Extremity Orthosis on Gait and Balance Parameters in Children With Spastic Cerebral Palsy: A Randomized Controlled Trial

ClinicalTrials.gov Identifier: NCT07122362

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Statistical Analysis Plan (SAP)

Analyses will be performed using IBM SPSS Statistics 26.0

Normality assessment: histograms, probability plots, Shapiro–Wilk test, skewness/kurtosis, coefficient of variation

Descriptive statistics: nominal/ordinal → frequencies and percentages, numerical → median ± percentiles or mean ± SD

Categorical variables: Chi-square (Pearson or Fisher)

Within-group comparisons (pre/post): Paired t-test / Wilcoxon

Between-group comparisons: Student t-test / Mann–Whitney U

Significance level: $p < 0.05$