

**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

**Document Date:** April 19, 2025

## **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:  $p < 0.05$