Statistical Analysis Plan

Title

Comparative Analysis of Different Physiotherapy Interventions on Anterior Pelvic Tilt in Subjects with Non-Specific Low Back Pain: A Randomized Controlled Trial

DATA ANALYSIS:

- Statistical analyses will be performed on SPSS-25.0 using appropriate methods, such as analysis of variance (ANOVA) or parametric tests (i.e paired t-test), to compare the treatment groups and determine significant differences in outcomes.

- Correlation analysis will also be done for exploring relationship between variables.

- Subgroup analyses based on demographic characteristics, pain severity, and baseline postural and balance impairments will be conducted to explore potential moderating factors.

- Test-retest reliability of the craniovertebral angle measurement will be assessed using repeated procedures and calculating ICC. Kolmogorov's test will be applied to check normality of data.

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