

**THE IMPACT OF INTRAOPERATIVE LIDOCAINE INFUSION ON
POSTOPERATIVE RECOVERY AFTER HYSTEROSCOPY:
A RANDOMIZED CONTROLLED TRIAL**

STATISTICAL ANALYSIS PLAN

24th DECEMBER 2024

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Collected data were analyzed using Statistical Package for Social Sciences version 25.0 (SPSS, IBM Armonk, NY, USA). Kolmogorov-Smirnov test was used to test data distribution. Continuous variables were expressed as mean \pm standard deviation and categorical variables were presented as frequencies and percentages where appropriate. Student's t-test was used to compare the continuous variables of the study and control groups whereas chi-square test was used to compare the categorical variables of the study and control groups. Two-tailed p values less than 0.05 were accepted as statistically significant.

A post hoc analysis was carried out to make a retrospective power analysis and it was determined that a cohort size of 150 women (75 patients in the study group and 75 patients in the control group) had 87.6 % power to detect a difference at the 0.05 significance level.