

## Statistical Analysis Plan

**Official Title:** Comparison of Total Intravenous Anesthesia Methods in Patients Undergoing Neuromonitoring

**NCT Number:** Pending (Not yet assigned)

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### Statistical Analysis:

Statistical analyses were performed using SPSS (IBM SPSS Statistics 27). Patients were grouped based on the TIVA protocol applied:

- **Group S:** Propofol and remifentanil (n=24)
- **Group K:** Propofol, remifentanil, and ketamine (n=24)
- **Group L:** Propofol, remifentanil, and lidocaine (n=24)

For normally distributed data, parametric tests were used:

- **Independent Samples t-test** for comparing two groups.
- **ANOVA** for comparing three or more groups.

For non-normally distributed data, non-parametric tests were applied:

- **Mann-Whitney U** for two-group comparisons.
- **Kruskal-Wallis H** for comparisons of three or more groups.

Post-hoc pairwise comparisons with Bonferroni correction were performed for variables with significant differences.