

Official Study Title:

**Human Doctors or AI? Evaluating Patient Satisfaction in Urinary
Stone Disease Consultations**

Statistical Analysis Plan

NCT number: NCT ID not yet assigned

Unique Protocol Id: 20243209

Version Date: August 1, 2025

Statistical Analysis Plan:

Descriptive Statistics:

- Categorical variables: presented as frequency and percentage
- Continuous variables: presented as mean \pm SD or median (IQR), depending on distribution

Group Comparisons:

- Primary outcome (CSQ-8 scores): Kruskal-Wallis test to compare satisfaction across all five groups
 - If significant, post hoc pairwise comparisons with Dunn-Bonferroni correction
- Consultation duration: Kruskal-Wallis test
- Completion rate: Chi-square or Fisher's exact test
- Exploratory analysis: Spearman correlation between satisfaction and age, education level

Significance Level:

- All tests will be two-sided
- $p < 0.05$ considered statistically significant