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Statistical Analysis Plan
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Evaluation of the Moses Laser for Prostate Enucleation

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Power and Statistical Analysis

Power analysis was performed for sample size estimation based on prior reports from the literature, which previously estimated a 20% improvement in operative time when performing M-HoLEP. A sample size of 60 subjects had greater than 80% power to detect this change with $\alpha=0.05$. Continuous and categorical variables were compared using the Student T-test (2-tailed) and Fisher exact test, respectively. Multiple linear regression was performed to evaluate for the effect of the MOSES technique on operative time controlling for age, Charlson comorbidity index, change in hematocrit, and the amount of prostatic tissue enucleated. All testing was performed with $p < 0.05$ as significant. All analyses were conducted in Stata 14.2 (StataCorp, College Station, Texas).