

**The Safety and Efficacy of the Transnasal Humidified Rapid-Insufflation
Ventilatory Exchange (THRIVE) for Laser Laryngeal Surgery**

Statistical Analysis Plan

NCT03086265

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The planned sample size for the study was 40 patients (subsequently reduced to 20 due to logistical constraints), randomized 1:1 to receive one of 2 oxygen delivery systems, Transnasal Humidified Rapid- Insufflation Ventilatory Exchange (THRIVE), or endotracheal tube (standard of care).

Anesthesia, surgical, and patient recovery outcomes were summarized using descriptive statistics, with p-values calculated using a 2-sided t-test and Fisher Exact test.