Perioperative Oral Steroids for Chronic Rhinosinusitis Without Polyps

Statistical Analysis Plan

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The planned sample size was 75 patients. By power analysis, we required 50 patients to achieve statistical significance. We collected outcome measures of SNOT-22 and Lund-Kennedy endoscopy scores at the following time points: preoperative baseline, and postoperatively at 1 week, 1 month, 3 months, and 6 months.

All statistical analyses were performed using Stata 15 (Stata Statistical Software: Release 15; StataCorp LP, College Station, Texas). SNOT-22 total scores, SNOT-22 subdomain scores, Lund-Kennedy endoscopic scores, and adverse effects were compared between prednisone and placebo groups at each time point using t-tests.