

- ☰ Human Risk Assessment of Profenofos: A Case Study in Ismailia, Egypt
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Abstract

Objectives: To compare the efficacy of power-microdebrider-assisted inferior turbinoplasty (PAT) with submucosal resection (SMR) in the treatment of inferior turbinate hypertrophy. **Methods:** A prospective [randomized clinical trial](#) study of 46 patients with bilateral inferior turbinate hypertrophy. Patients were randomly divided into 2 groups: PAT and SMR. **Results:** Intraoperative [blood loss](#) was 37.1 ± 7.4 ml in the PAT group and 47.8 ± 9.5 ml in the SMR group (means \pm SD), while the operative times were 11.1 ± 1.7 and 29.4 ± 4.7 min, respectively. There was statistically significant lower [blood loss](#) in the PAT group, due to the shorter operating time. **Conclusion:** PAT is equally as safe and effective as SMR. It has a shorter operation time and reduced intraoperative blood loss.