

# Powered intracapsular tonsillectomy aids pediatric OSA

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(HealthDay)—Powered intracapsular tonsillectomy and adenoidectomy

(PITA) improves severe obstructive sleep apnea (OSA) in pediatric patients, according to a study published online Dec. 30 in *JAMA Otolaryngology-Head and Neck Surgery*.

Nadia Mostovych, M.D., from Thomas Jefferson University in Philadelphia, and colleagues assessed the medical records of 70 children (56 percent boys; median age, 3.7 years) with severe OSA to evaluate the effectiveness of PITA based on polysomnographic parameters.

The researchers observed significant mean decreases in the postoperative apnea-hypopnea index (P oxygen saturation nadir (P

"Results are comparable to those described for traditional electrocautery tonsillectomy and support the use of PITA for the treatment of severe OSA in children with adenotonsillar hypertrophy," the authors write.

**More information:** [Abstract](#)  
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