

TALKING TO YOUR DOCTOR

A BREAKTHROUGH IN PEDIATRIC EAR TUBES



HUMMINGBIRD[®] TTS

TYMPANOSTOMY TUBE SYSTEM

*In-Office Ear Tube Placement
without General Anesthesia*

www.hummingbirdeartubes.com

IT'S TIME FOR A BETTER ALTERNATIVE

Ear infections in children are the most common reason families visit their pediatrician's office each year. Eighty-three percent (83%) of pediatric patients will have at least one ear infection by the time they are 3 years old, and 1 in 15 children will have ear tubes placed.¹

Most commonly, ear tube placement is performed in an operating room setting which involves fasting, general anesthesia and post-recovery care and monitoring. However, 93% of families requiring ear tubes have concerns over surgical-based approaches and are increasingly seeking an alternative to traditional methods.

A Better Alternative for All

PARENTS ²		PEDIATRICIANS ³	
93% Have concerns regarding GA risk	General Anesthesia (GA) Concerns	78% Have concerns with GA for young patients	
93% Would consider an alternative to traditional ear tube surgery	Consider Alternatives	99% Believe the device would have a positive clinical impact ⁴	
84% Would likely choose a better procedure if offered by ENT	In-Office Ear Tube Options	94% Say a safe, well-tolerated in-office ear tube option is important for young patients	

IN-OFFICE EAR TUBES FOR CHILDREN



Introducing The Hummingbird

Collaborating with leading Ear, Nose & Throat (ENT) surgeons, the FDA-cleared Hummingbird[®] Tympanostomy Tube System (TTS) was developed to allow pediatric ear tube placement in-office without general anesthesia. This innovative option for ear tubes is indicated for use in patients 6 months of age and older and provides a simple, efficient option for ENTs and parents while reducing overall procedure costs.

Hummingbird In-Office Ear Tube Experience⁵



98%

Of children successfully received ear tubes in their ENT's office



98%

Of parents would recommend to other parents



IN MINUTES⁶

Efficient same-day procedure, immediate return to normal activity



100%

Of patients tolerated the procedure acceptably, based on independent physician review



The Hummingbird Compared to Traditional Ear Tube Surgery

As ear tube placement with the Hummingbird is performed in the doctor's office, expenses associated with traditional surgery are eliminated and overall costs may be much less than those involving the operating room setting.

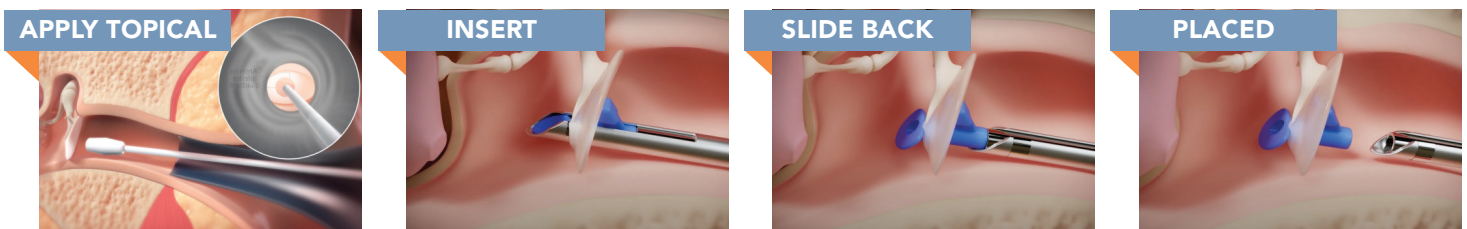
Families may see a significant reduction in overall costs with the elimination of pre-operative testing, general anesthesia and operating room and facility fees as demonstrated below.

Hummingbird In-Office Ear Tube Procedure	Traditional Ear Tube Surgery
Topical Anesthetic	General Anesthesia Required
No Fasting	Fasting Required
No Post-Operative Restrictions	Full Day of Observation
Parents Present During Procedure	Parents Unable to Comfort Child
Cost Savings	Fees for Anesthesia and OR
Average Total Cost⁷ \$1,800	Average Total Cost⁸ \$5,600

68% Up to 68% Cost Savings with the Hummingbird

Procedural Information

The Hummingbird device uniquely combines the multiple steps associated with traditional ear tube surgery into a single step. Using the One-Pass[®] Technology device, the Hummingbird only requires a topical anesthetic to numb the tympanic membrane. The procedure is performed in the office setting with ear tube placement completed in minutes.⁶



The Hummingbird is:

SAFE

The Hummingbird is a safe alternative to ear tube surgery and has been performed on thousands of children. The procedure eliminates general anesthesia and post-operative requirements, which allows parents to be present during the process.

SIMPLE

The One-Pass[®] Technology enables ENTs to perform routine ear tube placement in less steps with the integrated delivery system. The Hummingbird may also increase efficiency through the office site-of-care.

LESS EXPENSIVE

The overall costs associated with the Hummingbird procedure may be significantly less than the operating room procedure, creating value and convenience for patients and parents.



FDA 510(k) cleared for in-office use in children 6 months and older⁸

American Academy of Otolaryngology (AAO) Support

In 2020, the American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS) released their position statement supporting in-office tympanostomy tube placement in appropriately selected patients using shared decision-making between clinicians and families.

The Academy's position is that tympanostomy tubes are safe and effective for managing otitis media in children who meet current guidelines for tube insertion (Rosenfeld 2013).

Although insertion of tympanostomy tubes in children is generally accomplished in the operating room under general anesthesia, insertion in the clinic may be an appropriate option for selected patients.⁹



HUMMINGBIRD® TTS
PRECEPTIS MEDICAL

¹National Institutes of Health; Ear Infections in Children; 2022.

²Data collected using SurveyMonkey Audience. Margin of error: +/-4.3%. (Preceptis Data on File).

³Data Collected using InCrowd. 133 U.S. Pediatricians surveyed. (Preceptis Data on File)

⁴Data Collected using InCrowd. 150 U.S. Pediatricians surveyed; Sept. 2023 (Preceptis Data on File).

⁵259 patients studied in IRB approved clinical study from 2018-2022 and cleared by FDA for in-office use on patients 6 months and older. (Preceptis Data on File).

⁶Overall procedure times vary.

⁷The actual ear tube procedure is commonly covered by insurance. In instances where the Hummingbird device is not part of this coverage, some families may be required to pay the device cost. Overall total costs for ear tube placement may be less with the Hummingbird through the elimination of general anesthesia and facility fees associated with traditional surgical approaches. A patient's personal costs may vary depending on healthcare provider, facility, insurance plan, deductible and out-of-pocket cost responsibility.

⁸IBM MarketScan OPV Commercial Claims Database. Hummingbird in-office cost estimates include estimate for incremental office procedure costs. A patient's personal costs may vary depending on healthcare provider, facility, insurance plan, deductible and out of pocket cost responsibility.

⁹AAO-HNS Position Statement; In-Office Placement of Tubes in Pediatric Patients While Awake; 2020.