

## Procedure and Cost Information



### What are Ear Tubes?

Ear tubes are often recommended for children who develop repeat ear infections in a short period of time. Ear tubes create air flow to the middle ear and allow fluid buildup to drain. They may also lessen the chance that a child will get additional ear infections.

### Ear Tube Options

There are two ways to receive ear tubes. Both are safe and effective. It is the choice of parents to select the best option for their family and child.

01

The first way to receive ear tubes is in the operating room (OR). A child is given general anesthesia, a medication that puts a child to sleep. The total process may take up to a full day with recovery.

02

The second way to receive ear tubes is in the doctor's office with the Hummingbird device. A child receives a topical numbing medicine on the eardrum. This allows the child to be awake during the procedure, which is completed in minutes.<sup>1</sup> No recovery time is required and children may immediately return to normal activities following treatment.



## The Hummingbird Procedure Compared to OR-Based Ear Tube Surgery

Hummingbird In-Office Procedure	OR-Based Ear Tube Surgery
Topical Numbing Medicine	General Anesthesia Required
No Fasting	Fasting Required
No Post-Operative Restrictions	Full Day of Observation
Parents Present During Procedure	Parents Unable to Comfort Child
Reduced Procedural Costs	Fees for Anesthesia, Facility, OR

### Safety and Effectiveness

The Hummingbird device is FDA-cleared for in-office use in children 6 months and older.<sup>2</sup> The device has been studied extensively and has demonstrated the following performance in clinical studies.<sup>3</sup>



Of children successfully received ear tubes their ENT's office



Of parents would recommend to other parents



Efficient, same-day procedure, ear tubes placed in minutes<sup>1</sup>



Of patients acceptably tolerated the procedure



## What Happens the Day of the Hummingbird Procedure?



**Step 1**

Your surgeon will review the Hummingbird procedure with you. The procedure does not require the operating room or general anesthesia. Your child does not have to fast and can have food leading up to the time of ear tube placement.



**Step 2**

Just before the procedure, your child will be gently swaddled to limit movement and allow the surgeon to safely perform the procedure.



**Step 3**

The surgeon will insert a speculum and remove any ear wax, if required. A topical medicine is placed on the eardrum to help numb the area and create comfort for your child.



**Step 4**

Ear tubes are inserted into your child's ears using the Hummingbird device. Ear tube placement is completed in minutes.<sup>1</sup>



**Step 5**

Your child can return to normal activities following the procedure. No recovery time is needed.



## Cost Comparison

With many new technologies, insurance coverage is developed over time as payers learn about the technology and see positive outcomes and demand from physicians. In-office ear tube procedures that require an ear tube insertion device, like the Hummingbird device, have incremental device and practice expenses that may not be covered or paid by all insurance companies. However, since the Hummingbird procedure is performed in-office, patients may experience reduced out-of-pocket costs compared to OR-based ear tube surgery, even when considering the additional expenses for the Hummingbird device and other physician practice costs.<sup>5</sup>

### OR-Based Ear Tube Surgery

Ear tube placement is performed in the operating room setting. This requires pre-operative testing, fasting, general anesthesia and recovery.

**Average Total Cost<sup>4</sup>**  
\$5,500 - \$7,500

### Hummingbird In-Office Procedure

Ear tube placement is performed in the office without general anesthesia. No pre- or post-operative restrictions are required.

**Average Total Cost<sup>5</sup>**  
\$1,500 - \$2,000

**Up to 65% Cost Savings with the Hummingbird Procedure<sup>5</sup>**

## FAQs

We've developed answers to some of the most commonly asked questions about the Hummingbird procedure. To access, please visit [hummingbirdeartubes.com/faqs/](https://hummingbirdeartubes.com/faqs/) or scan the QR code.



## References

- 1) Overall procedure times vary.
- 2) Sources: K200952 510(k) Summary, K221254 510(k) Summary.
- 3) Results from Hummingbird In-Office Pediatric Clinical Study; results on file at Preceptis Medical.
- 4) IBM MarketScan OPV Commercial Claims Database.
- 5) Actual patient costs vary based on insurance plan, deductible amount, out-of-pocket maximums, co-pays and ENT provider network status. It is important to check with your ENT provider to understand all cost estimates.