

## The Hummingbird: Procedure and Cost Information

### What are Ear Tubes?

Ear tubes are often recommended for children who develop many ear infections in a short period of time. Ear tubes are helpful as they create air flow in the middle ear and allow fluid buildup to drain. They also lessen the chance that a child will get more 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 pick the best option for their family and child.

- 1** The first way to receive ear tubes is in the operating room. A child is given general anesthesia, a medication that puts a child to sleep. With recovery time and post-operative observation, the total process may take a full day.
- 2** 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 ear drum. This allows the child to be awake during the procedure. With the Hummingbird procedure, ear tubes are placed in minutes.<sup>1</sup>

# The Hummingbird Procedure Compared to Traditional Ear Tube Surgery

## Hummingbird In-Office Procedure

Topical Numbing Medicine

No Fasting

No Post-Operative Restrictions

Parents Present During Procedure

Cost Savings

## Traditional Ear Tube Surgery

General Anesthesia Required

Fasting Required

Full Day of Observation

Parents Unable to Comfort Child

Fees for Anesthesia, Facility and OR

The Hummingbird is FDA-cleared and has been studied in hundreds of children:<sup>2</sup>



**98%**

Children successfully received ear tubes in-office



**98%**

Parents would recommend the procedure to others



**IN MINUTES**

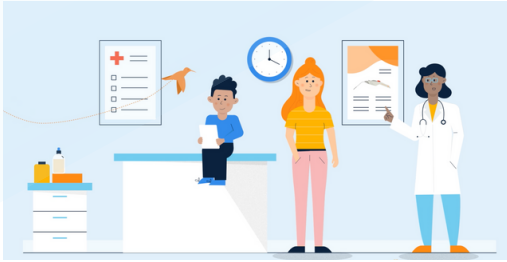
Ear tube placement in minutes



**100%**

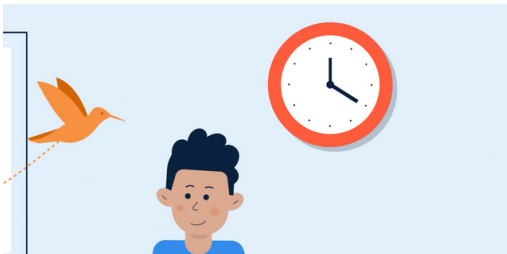
Patients acceptably tolerated the procedure

## What Happens the Day of the Hummingbird Procedure?



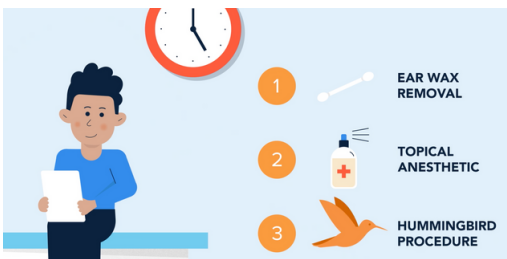
### STEP 1

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 anesthetic is placed on the ear drum, or tympanic membrane, helping to numb the area and create comfort for your child.



### STEP 4

The ear tubes are inserted into your child's ears using the Hummingbird device. Ear tube placement takes minutes.<sup>1</sup>



### STEP 5

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

## Cost Comparison

As with many new technologies, insurance coverage is developed over time as payers learn about the technology and see positive outcomes and demand from physicians. While the Hummingbird device is not always covered, the actual ear tube placement procedure is almost always covered by insurance. As the Hummingbird procedure is performed in-office, any out-of-pocket costs for the device may result in a significant cost reduction when compared to traditional ear tube surgery.

### Hummingbird In-Office Procedure

Ear tube placement is performed in the office without general anesthesia. Overall outcomes are similar to traditional ear tube surgery.

### Traditional Ear Tube Surgery

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

68%

Up to 68% Cost Savings with the Hummingbird Device<sup>3</sup>

## FAQs

### Does my child feel discomfort during the procedure?

Each child will react differently to the Hummingbird. Clinical studies show that 100% of children acceptably tolerated the procedure. Discomfort is similar to other in-office pediatric procedures.

### Is this procedure safe?

The Food and Drug Administration (FDA) has cleared the Hummingbird device. Clinical studies have proven it safe and effective for children. Thousands of pediatric patients have been successfully treated with the Hummingbird.

To see answers to other questions you may have, please visit <https://www.hummingbirdeartubes.com/faqs/> or scan the QR code.

#### References

- 1) Overall procedure times vary.
- 2) Results from Hummingbird In-Office Pediatric Clinical Study; results on file at Preceptis Medical.
- 3) The 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. The Hummingbird may qualify for HSA or FSA account coverage.

