evoendo
Evolving Endoscopy



Transnasal Endoscopy
Patient FAQs

What is transnasal endoscopy (TNE)?

Transnasal endoscopy (TNE) is a minimally invasive medical procedure performed by a physician intended to examine the digestive tract. It involves inserting an endoscope through the nose, advancing down through the esophagus (food pipe), stomach, and part of the small intestine (duodenum) to look at and treat conditions of the upper digestive tract.

What is the EvoEndo Sedation-Free Endoscopy System?

EvoEndo sedation-free endoscopy takes TNE to the next level through the utilization of our FDA-cleared single-use scope. It is ultra-slim, narrow, and flexible, minimizing patient discomfort and allowing your doctor to perform a transnasal endoscopic exam in the clinic, office, or hospital bedside without the need for general anesthesia!

Why choose the EvoEndo Sedation-Free Endoscopy System for your transnasal exam?

Choosing the EvoEndo Sedation-Free Endoscopy System for your TNE exam eliminates the risks associated with general anesthesia and reduces overall exposure to anesthetic agents for you or your loved one. It also decreases pre-and post-procedure time, for a shorter office visit and a faster return to normal activities.

Additionally, the single-use disposable design minimizes any cross-contamination risks associated with inadequate sterilization of reusable equipment commonly used in endoscopic examinations.

Overall, the EvoEndo Sedation-Free Endoscopy System is a safe, convenient, and flexible option when it comes to diagnostic endoscopic examinations of the upper digestive tract.

Why can’t I just be “put to sleep?”

It is up to you and your healthcare provider to determine which type of Upper GI Endoscopy to have. Many studies have demonstrated that patients who have had sedation-free TNE would choose it over sedated endoscopy. Sedation-free TNE may allow your medical team to provide answers on the same day. It is always best to discuss with your provider which procedural option would be best for you.

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What's the success rate of sedation-free TNE using the EvoEndo Sedation-Free Endoscopy System, and what are the potential risks or side effects?

According to medical literature, sedation-free TNE reports a 98% success rate, and is well-tolerated by the majority of patients.*

As with any medical procedure, it is not without risks. Some of the most common side effects may include sore nose or throat, scant bleeding/irritation, mild chest/stomach discomfort, pressure and brief nausea/regurgitation.

These have been documented in 2–5% of cases.* For a more thorough list of the possible risks of any form of endoscopy, please discuss with your provider.

What can I expect before and after the procedure?

Before: It is always best to speak with your healthcare provider regarding specific preparation instructions. No food or drink for 2–4 hours prior to the procedure is typically recommended.

After: Your provider will brief you on findings, biopsy timelines, discharge guidelines, and next steps. You should be able to go back to work, school, or other commitments following the procedure.

Watch our "What to Expect" Video

How will the procedure be performed?

Here's what you can expect:

1. A numbing agent will be applied to your nasal passages to make you more comfortable.
2. You might receive an EvoEndo Patient Experience Kit with items designed to provide distraction during the procedure.
3. Once ready, the doctor will gently insert the EvoEndo Scope through your nose, and it will travel down through the esophagus (food pipe), stomach, and part of the small intestine (duodenum).
4. If needed, very small samples of tissue called biopsies may be taken through the EvoEndo Scope using special forceps. Air and water may also be used to make it easier for the doctor to see.

How long will the procedure last, and where will it be performed?

Sedation-free TNE typically takes about 1 hour from arrival at the medical center to departure. The TNE procedure lasts about 5–7 minutes and can be performed in a variety of settings, including hospitals, clinics, or procedural units.

* Nguyen N, et al. Transnasal Endoscopy in Unsedated Children With Eosinophilic Esophagitis Using Virtual Reality Video Goggles. Clin Gastroenterol Hepatol. 2019 Nov;17(12):2455-2462.

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