

Complete ETDQ-7 questionnaire below, share with your doctor to see if balloon dilation of the Eustachian tube is an option for you.

Over the past 1 month, how much has each of the following been a problem for you?	No problem		Moderate problem		Severe problem	
1. Pressure in the ears?	1	2	3	4	5	6 7
2. Pain in the ears?	1	2	3	4	5	6 7
3. A feeling that your ears are clogged or "under water"?	1	2	3	4	5	6 7
4. Ear symptoms when you have a cold or sinusitis?	1	2	3	4	5	6 7
5. Crackling or popping sounds in the ears?	1	2	3	4	5	6 7
6. Ringing in the ears?	1	2	3	4	5	6 7
7. A feeling that your hearing is muffled?	1	2	3	4	5	6 7

Abbreviation: ETDQ-7, Eustachian Tube Dysfunction Questionnaire.
 aMinimum score = 7, maximum score =49. From McCoul ED, Anand VK, Christos PJ. Validating the clinical assessment of eustachian tube dysfunction: the Eustachian Tube Dysfunction Questionnaire (ETDQ-7). Laryngoscope. 2012;122(5):1137-1141.

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Eustachian tube dysfunction (ETD) is a disorder where the eustachian tube is incapable of performing its functions adequately.¹



Anesthesia

The NuVent™ balloon may be used in the office or the operating room. Your doctor will discuss your anesthesia options, which depend on the extent of disease and other factors.

Safety information

Risks from BDET may include mild bleeding, pain, and/or tissue trauma.

References

1. <https://familydoctor.org/condition/eustachian-tube-dysfunction/>
2. Prevalence of Eustachian Tube Dysfunction in Adults in the United States, *JAMA Otolaryngology Head Neck Surgery* 2019, 145 (10):974-975, Research Letter.

Rx only. Please consult with your doctor for the complete list of product instruction manual/package insert for instructions, warnings, precautions and contraindications.

For further information, please call Medtronic ENT at 800.874.5797 or consult Medtronic’s website at www.medtronicent.com.

Medtronic

ENT
 6743 Southpoint Drive N
 Jacksonville, FL 32216
 USA
 Toll free: (800) 874-5797
 Telephone: (904) 296-9600
 Fax: (800) 678-3995

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Relief from Eustachian tube dysfunction

Do you suffer with: ear pressure, pain, popping, ringing, fullness, or balance?¹

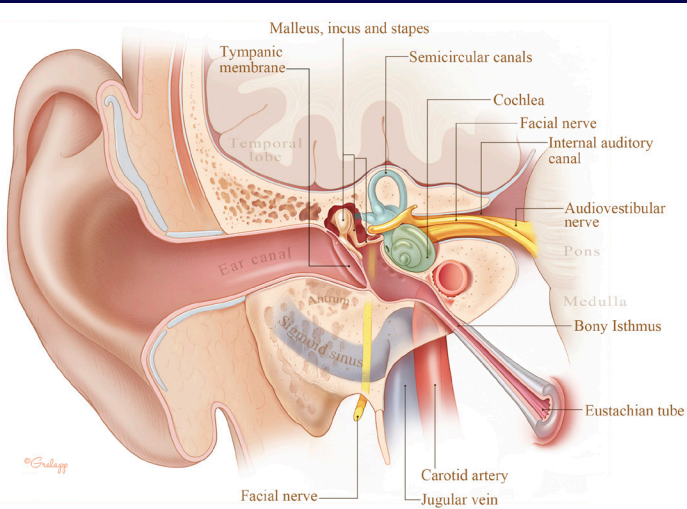
You might be suffering from Eustachian tube dysfunction.



Clear the path. Relieve the pressure.
 Consult your doctor about the NuVent™ Eustachian tube dilation balloon.

Diagram of the ear

The Eustachian tube is a dynamic, tubular structure linking the middle ear to the nasal cavity. It ventilates and clears the middle ear when open, and prevents transmission of pathogens, material, and sounds when closed.²



Symptoms of Eustachian tube dysfunction

Patients with Eustachian tube dysfunction (ETD) experience the following symptoms¹:

- Ear pain
- Fullness
- Muffled hearing
- Ear pressure
- Crackling/popping sounds

These symptoms not only leave patients in varying degrees of discomfort, but such dysfunction of the eustachian tube (ET) can lead to the development of other ear problems such as short or long-term infections. This could involve fluid drainage in the ear or tissue build-up in the middle ear which is called cholesteatoma.²

Your ENT physician will perform a combination of the following assessments to diagnose Eustachian tube dysfunction:

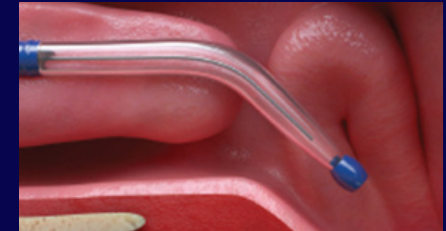
- Otoscopy
- Audiometry
- Tympanometry
- Nasal endoscopy
- ETDQ-7 Survey

Treatment (relief path) options

1. Medical management - Over the counter medicines, prescription medications, antibiotics, or steroids
2. Ear tubes - Procedure where a small incision is made in the eardrum and a vent tube is inserted
3. Balloon dilation of the Eustachian tube

During your balloon dilation procedure

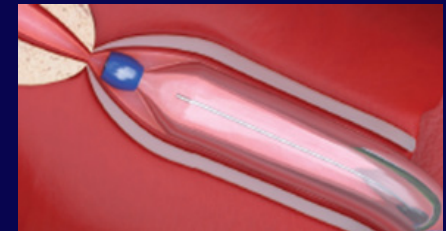
1



Placing NuVent™ balloon

Your surgeon inserts the NuVent™ balloon into the obstructed Eustachian tube via the nasal cavity.

2



Inflating NuVent™ balloon

After insertion, the NuVent™ balloon is inflated and held for 2 minutes.

3



Deflating NuVent™ balloon

The NuVent™ balloon is then deflated and removed from the Eustachian tube and nasal cavity.

