

Why Balloon Sinus Dilation?

- The Balloon Sinus Dilation is an advanced surgical procedure approved in India by Indian DCGI and European CE mark approved product. Balloon sinus dilation uses a precise single use flexible balloon catheter to open inflamed sinuses.
- The Balloon Sinus Dilation preserves the normal anatomy of the sinuses and mucosal tissue, and does not require the removal of bone and tissue -this approach helps restore normal sinus functioning.
- Since the disease state is minimal, it's not required to perform extensive procedure as no major abnormalities are associated with the disease. This allows patients to return to normal activities quickly
- Balloon Sinus Dilation is safe and effective procedure for chronic sinusitis patients who are not responding well to medications and seeking relief from uncomfortable and painful sinusitis symptoms.
- The patient has understood the pros and cons of both the procedure and has opted for Balloon Sinus Dilation System which has been the standard of care in many countries today.



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MESIRE™

Balloon Sinus Dilation System



Our Services

Adventis ENT Services is dedicated to providing excellence in standards of care to children and adults for all conditions of Ear, Nose & Sinus, Throat & Voice, Head & Neck, Hearing & Speech disorders

The team of Adventis ENT Services is led by Dr Ameet Kishore FRCS(UK), an ENT, Cochlear Implant & Neuro-otologic Surgeon with over 25 years of experience. He has brought together International Experience and Advanced Technology to offer the highest level of patient care and excellence in medical treatment

- Endoscopic & microscopic examination of ear, nose and throat
- Microscopic surgery for ear, hearing restoration & neuro-otology
- Cochlear Implant and Implantable Hearing device programme
- Endoscopic surgery of nose, sinus & skull base
- Paediatric ear, nose, throat and airway surgery
- Head-neck, salivary & thyroid gland surgery
- Snoring, sleep apnoea, robotics, lasers and radiofrequency
- Comprehensive hearing testing facility for children and adults*
- Provision for fitting of hearing aids and for Hearing - Speech therapy*

We want you to feel confident that you are working with doctors and professionals who are qualified, experienced and caring to provide you personalised and professional care to improve your quality of life.

ENT & Cochlear Implant Clinics

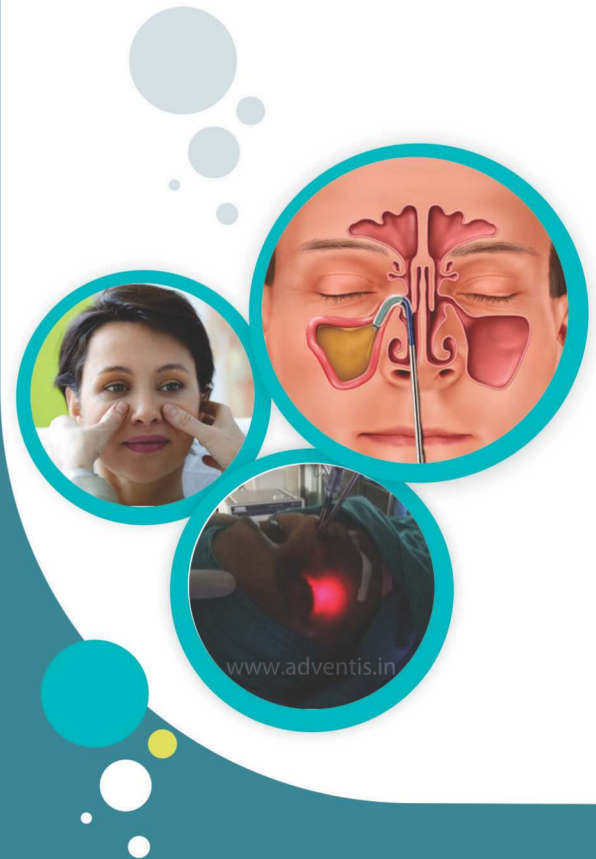
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Balloon Sinus Dilation System

Sinuses & Sinusitis

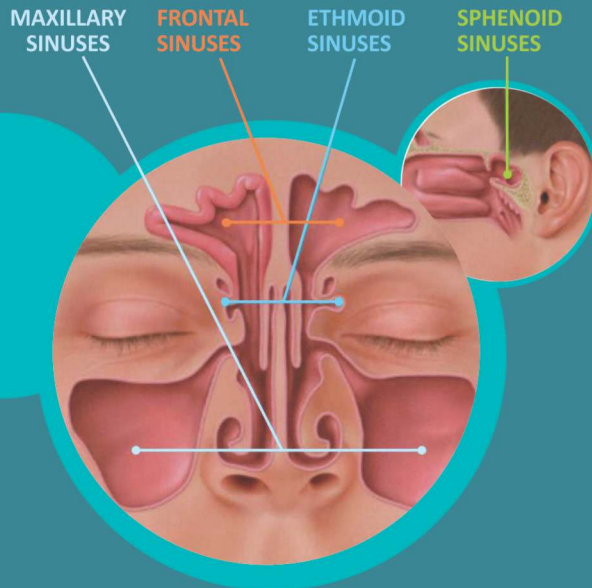
Sinuses are air-filled pockets beside and behind the nose. Each sinus has an opening through which mucus drains.

This drainage keeps your sinuses working well and you healthy. Anything that obstructs that flow may cause a buildup of mucus in the sinuses, which may lead to infection and inflammation of the sinuses. Sinusitis occurs when the linings of your nose, sinuses and throat become inflamed, possibly from a pre-existing cold or other allergies.

Sinusitis is often aggravated by structural issues such as ostial blockage, bacterial infections, viral infections or a combination of these. For many patients, symptoms vary and may include nasal congestion, facial discomfort, nasal discharge, headache and fatigue. Sinusitis is considered acute when symptoms last 4 weeks or less and chronic when it lasts 12 weeks or longer.

What are the sinuses?

Paranasal sinuses are air-filled pockets located in the head. There are four pairs of sinuses:



Treatment Options

Typical treatment for sinusitis always begins with medication prescribed by the doctor. However, a number of chronic sinusitis sufferers don't get relief with medication. For these patients, a surgical procedure may be recommended.

The goals of any procedure are to

1. Clear the blocked sinuses
2. Restore normal sinus drainage and function
3. Preserve normal anatomy.

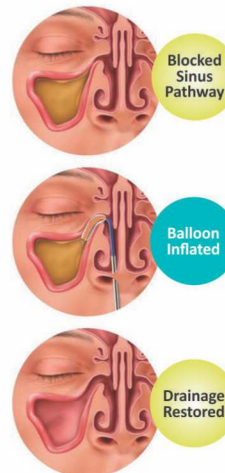
This can be achieved either through Functional Endoscopic Sinus Surgery (FESS) or Balloon Sinus Dilatation.

What is Balloon Sinus Dilation ?

Balloon Sinus Dilation is a safe and minimally invasive procedure that opens sinus passages. Doctors thread a soft-tipped guide wire equipped with a tiny balloon into the nostrils and up to the area of blocked sinus openings. The sinus is identified using illumination guide wire. They then inflate the balloon just enough to open the passageway and remove the balloon. Finally, they spray fluid into the infected sinus to flush out the pus and mucus.

After Balloon Sinus Dilation the sinuses remain open, allowing the return of normal sinus drainage and relief of sinus pressure.

It relieves the pain and pressure associated with chronic sinusitis, without cutting and removing the natural structures in the nose.



Benefits & Advantages

- Minimal invasive procedure. Relieves pain and pressure of chronic sinusitis without cutting or removal of bones or tissues in the nose.
- Lesser blood loss
- Associated with fewer recurrences
- Fast recovery - many people return to normal activities within 24 hours.
- Proven & Reliable - 350,000+ have benefitted from Balloon Sinus Dilation procedure approved by India DGHS & European CE work.

Indications of Balloon Sinus Dilation

1. Chronic Rhinosinusitis (CRS)

Patients with history of persistent rhino sinusitis (all sinuses) lasting greater than 12 weeks, despite medical management of antibiotics, topical steroids and allergic management or patients with persistently abnormal CT after at least 4 weeks of continuous antibiotic treatment

2. Recurrent Acute Rhino sinusitis

An abnormal CT during treatment with post-treatment normalization with 3 or more recurrences per year with each episode lasting less than 2 weeks.

3. Revision Surgery

Patients who have undergone FESS (once before or multiple times) with persistent symptoms and opacification on CT scan with a narrow Ostia. Balloon Sinus Dilation is a safe and effective tool in difficult revision surgeries with distorted post-operative anatomy.