

BRIAN F. HUMPHREYS, M.D. Medical Director

BALLOON SINUPLASTY

Chronic sinusitis sufferers – It's time to get your life back.

Balloon Sinuplasty Technology by Acclarent



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THE FACTS ABOUT CHRONIC SINUSITIS

Chronic sinusitis is an inflammation of the sinus lining lasting three months or more and is one of the most commonly diagnosed chronic illnesses. It is typically caused by bacterial, viral and/or microbial infections. Structural issues such as blockage of the sinus opening can also lead to chronic sinusitis. If the opening is closed, normal mucus drainage may not occur. This condition may lead to infection and inflammation of the sinuses.

COMMON SIGNS AND SYMPTOMS

- Facial pain, pressure, congestion or fullness
- Difficulty breathing through the nose
- Discharge of yellow or green mucus from the nose
- Teeth pain
- Loss of the sense of smell or taste
- Headache
- Fatigue
- Sore throat
- Bad breath

If you are experiencing some of these symptoms, you may be suffering from chronic sinusitis.



Sinuses are air-filled pockets that surround the nose. Each sinus has an opening through which mucus drains. Chronic sinusitis sufferers do not experience the normal drainage which keeps the sinus healthy. Typical treatment begins with medication prescribed by your doctor. However, for some patients medication will not provide symptom relief, and surgery will be

WHAT IS THE BALLOON SINUPLASTY SYSTEM?

Balloon Sinuplasty Technology is a safe and minimally invasive system used as a tool by surgeons when treating chronic sinusitis. Doctors thread a guidewire equipped with a tiny balloon into the nostrils and up to the area of blockage. They then inflate the balloon just enough to open the passageway. Sinuses are opened in the same way that doctors open up blocked arteries during a balloon angioplasty. Tens of thousands of patients have experienced the benefits of the Balloon Sinuplasty System.

THE BALLOON SINUPLASTY APPROACH *How does the technology work?*

Step 1. Gain Access to the Sinus.

To gain initial sinus access, the sinus guide catheter is introduced into the nasal cavity to target the sinus ostia under endoscopic visualization. The sinus guidewire or the sinus illumination system is introduced through the sinus guide catheter and gently advanced into the target sinus.

Step 2. Inflate Balloon Across Ostium.

The sinus balloon catheter is introduced over the sinus guidewire or sinus illumination system and positioned across the blocked ostium. The position of the sinus balloon catheter is confirmed and the balloon is gradually inflated to open and remodel the narrowed or blocked ostium.

Step 3. Remove Balloon and Irrigate Sinus.

The sinus balloon catheter is then deflated and removed. The irrigation catheter is advanced over the sinus guidewire or sinus illumination system into the target sinus. The sinus is then irrigated, flushing tenacious sinus contents – like pus and mucus.

Step 4. Remove System.

