

BUDESONIDE

BUDESONIDE: A novel approach to chronic rhinitis and seasonal allergies

Budesonide is a corticosteroid (anti-inflammatory) and is an effective treatment for such disease states Crohn's disease and ulcerative colitis in its oral form. It is also commonly used to treat patients with asthma in an inhaler delivery method. **However, Budesonide has been shown to be an effective treatment for patients with chronic rhinitis and seasonal allergies when delivered in a NasoNeb® Nebulizer treatment therapy.**¹ Additionally, studies have also shown that the use of Budesonide intranasally has been effective in children with Mild Obstructive Sleep Apnea Syndrome.¹¹



1 • Sinus Frontalis 2 • Cellulae Ethmoidales 3 • Sinus Sphenoidalis 4 • Sinus Maxillaris

Nasal Rinse vs. Nasal Nebulizer

While both methods are helpful in delivering medication, the standard nasal rinse method (primarily, squeeze bottle) showed that the volume of medication delivered was only significant in the frontal sinus area.¹² Patients with mild and infrequent rhinitis symptoms may benefit from this method.

Patients with severe rhinitis, post-operative conditions, and other chronic sinus problems, a nasal nebulizer proved to be more effective with delivering medication throughout the entire sinus.¹²

Budesonide and NasoNeb® Nebulizer



The NasoNeb System delivers medication throughout the nasal and paranasal sinus cavities, unlike other delivery devices that deliver only 3-10% of medication^{4,7} which tend to reach only the front of the nose.^{2,3,5,6,8,9,10}

The NasoNeb System delivers large particles that are readily filtered by the nose to ensure a large percentage of medication is delivered where the physician intended and that no drug is delivered to the lungs, reducing the risk of unwanted complications.^{2,3,5,6,8,9}

BUDESONIDE MAY HELP TREAT THESE SINUS CONDITIONS

- Allergy Rhinitis
- Nasal Polyps
- Chronic Sinusitis
- Sinus Infections
- Mild Sleep Apnea
- Post Surgical Conditions

The authors of Budesonide and NasoNeb® Nasal Nebulizer concluded, in part: *"... it stands to reason that administering intranasal corticosteroids, which have been shown effective time and again as a treatment for perennial allergic rhinitis, would prove to be even more effective when delivered in this novel way."*



A • One-Two minute sessions can deliver a multiple drug regimen, reaching the nasal and paranasal sinus cavities.

B • Designed specifically for home use. Easy to clean and care for parts. C • Budesonide capsules. Usage may be applied to NasoNeb Nebulizer treatments.

For more information please visit: www.NasoNeb.com

