

# Literature Review

## Nasal Health

<b>Medication</b>	<b>Title of Article</b>	<b>PubMed Link</b>
ACETYLCYSTEINE	Inhaled thiamphenicol and acetylcysteine in children with acute bacterial rhinopharyngitis	<a href="https://pubmed.ncbi.nlm.nih.gov/18831930/">https://pubmed.ncbi.nlm.nih.gov/18831930/</a>
ACETYLCYSTEINE	Management of Recurrent Acute Rhinosinusitis: A Systematic Review	<a href="https://pubmed.ncbi.nlm.nih.gov/33622038/">https://pubmed.ncbi.nlm.nih.gov/33622038/</a>
ACETYLCYSTEINE	Efficacy of topical tuaminoheptane combined with N-acetyl-cysteine in reducing nasal resistance. A double-blind rhinomanometric study versus xylometazoline and placebo	<a href="https://pubmed.ncbi.nlm.nih.gov/8740084/">https://pubmed.ncbi.nlm.nih.gov/8740084/</a>
ACETYLCYSTEINE	Aerosol antibiotic therapy in children with chronic upper airway infections: a potential alternative to surgery	<a href="https://pubmed.ncbi.nlm.nih.gov/19505384/">https://pubmed.ncbi.nlm.nih.gov/19505384/</a>
AZELASTINE	Intranasal Azelastine and Fluticasone as Combination Therapy for Allergic Rhinitis: Systematic Review and Meta-analysis	<a href="https://pubmed.ncbi.nlm.nih.gov/30961435/">https://pubmed.ncbi.nlm.nih.gov/30961435/</a>
AZELASTINE	New patents of fixed combinations of nasal antihistamines and corticosteroids in allergic rhinitis	<a href="https://pubmed.ncbi.nlm.nih.gov/23862774/">https://pubmed.ncbi.nlm.nih.gov/23862774/</a>
AZELASTINE	Bioavailability and disposition of azelastine and fluticasone propionate when delivered by MP29-02, a novel aqueous nasal spray	<a href="https://pubmed.ncbi.nlm.nih.gov/22356350/">https://pubmed.ncbi.nlm.nih.gov/22356350/</a>
AZELASTINE	[Clinical study of the combination therapy with intranasal antihistamine and nasal corticosteroids in the treatment of nasal obstruction of persistent non-allergic rhinitis]	<a href="https://pubmed.ncbi.nlm.nih.gov/26012297/">https://pubmed.ncbi.nlm.nih.gov/26012297/</a>
AZELASTINE	MP-AzeFlu in Moderate-to-Severe Allergic Rhinitis: A Literature Review	<a href="https://pubmed.ncbi.nlm.nih.gov/34082425/">https://pubmed.ncbi.nlm.nih.gov/34082425/</a>
AZELASTINE	A clinical pharmacokinetic study comparing two azelastine hydrochloride nasal formulations in a single-dose design	<a href="https://pubmed.ncbi.nlm.nih.gov/23681835/">https://pubmed.ncbi.nlm.nih.gov/23681835/</a>
AZELASTINE	Safety of a novel intranasal formulation of azelastine hydrochloride and fluticasone propionate in children: A randomized clinical trial	<a href="https://pubmed.ncbi.nlm.nih.gov/29490769/">https://pubmed.ncbi.nlm.nih.gov/29490769/</a>
AZELASTINE	MP29-02: a breakthrough for the treatment of allergic rhinitis	<a href="https://pubmed.ncbi.nlm.nih.gov/23977840/">https://pubmed.ncbi.nlm.nih.gov/23977840/</a>
AZELASTINE	Advances in pharmacotherapy for the treatment of allergic rhinitis; MP29-02 (a novel formulation of azelastine hydrochloride and fluticasone propionate in an advanced delivery system) fills the gaps	<a href="https://pubmed.ncbi.nlm.nih.gov/25747125/">https://pubmed.ncbi.nlm.nih.gov/25747125/</a>

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AZELASTINE	A role for the intranasal formulation of azelastine hydrochloride/fluticasone propionate in the treatment of allergic rhinitis	<a href="https://pubmed.ncbi.nlm.nih.gov/25913181/">https://pubmed.ncbi.nlm.nih.gov/25913181/</a>
AZELASTINE	[Clinical observation of nasal spray allergen blocker combined with antihistamines in treatment of allergic rhinitis children]	<a href="https://pubmed.ncbi.nlm.nih.gov/32086901/">https://pubmed.ncbi.nlm.nih.gov/32086901/</a>
AZELASTINE	Azelastine hydrochloride: a review of pharmacology, pharmacokinetics, clinical efficacy and tolerability	<a href="https://pubmed.ncbi.nlm.nih.gov/17723160/">https://pubmed.ncbi.nlm.nih.gov/17723160/</a>
AZELASTINE	Intranasal azelastine. A review of its efficacy in the management of allergic rhinitis	<a href="https://pubmed.ncbi.nlm.nih.gov/9664202/">https://pubmed.ncbi.nlm.nih.gov/9664202/</a>
AZELASTINE	Azelastine nasal spray and desloratadine tablets in pollen-induced seasonal allergic rhinitis: a pharmacodynamic study of onset of action and efficacy	<a href="https://pubmed.ncbi.nlm.nih.gov/16393441/">https://pubmed.ncbi.nlm.nih.gov/16393441/</a>
AZELASTINE	Review of azelastine nasal spray in the treatment of allergic and non-allergic rhinitis	<a href="https://pubmed.ncbi.nlm.nih.gov/17376024/">https://pubmed.ncbi.nlm.nih.gov/17376024/</a>
AZELASTINE	Effects of azelastine nasal spray on nasal and nasopharyngeal microflora	<a href="https://pubmed.ncbi.nlm.nih.gov/26515526/">https://pubmed.ncbi.nlm.nih.gov/26515526/</a>
AZELASTINE	An update regarding the treatment of nonallergic rhinitis	<a href="https://pubmed.ncbi.nlm.nih.gov/26731682/">https://pubmed.ncbi.nlm.nih.gov/26731682/</a>
AZELASTINE	Effect of intranasal azelastine on substance P release in perennial nonallergic rhinitis patients	<a href="https://pubmed.ncbi.nlm.nih.gov/24274229/">https://pubmed.ncbi.nlm.nih.gov/24274229/</a>
AZELASTINE	A multicenter clinical study of the efficacy and tolerability of azelastine nasal spray in the treatment of seasonal allergic rhinitis: a comparison with oral cetirizine	<a href="https://pubmed.ncbi.nlm.nih.gov/8719584/">https://pubmed.ncbi.nlm.nih.gov/8719584/</a>
AZELASTINE	Influences of allergic rhinitis on sleep	<a href="https://pubmed.ncbi.nlm.nih.gov/15138430/">https://pubmed.ncbi.nlm.nih.gov/15138430/</a>
AZELASTINE	Open-label evaluation of azelastine nasal spray in patients with seasonal allergic rhinitis and nonallergic vasomotor rhinitis	<a href="https://pubmed.ncbi.nlm.nih.gov/15899111/">https://pubmed.ncbi.nlm.nih.gov/15899111/</a>
AZELASTINE	Effects of topical sprays on allergy-induced nasal obstruction in children	<a href="https://pubmed.ncbi.nlm.nih.gov/23834132/">https://pubmed.ncbi.nlm.nih.gov/23834132/</a>
AZELASTINE	Double-blind, placebo-controlled trial of reformulated azelastine nasal spray in patients with seasonal allergic rhinitis	<a href="https://pubmed.ncbi.nlm.nih.gov/19807985/">https://pubmed.ncbi.nlm.nih.gov/19807985/</a>

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AZELASTINE	Vasomotor rhinitis	<a href="https://pubmed.ncbi.nlm.nih.gov/20425499/">https://pubmed.ncbi.nlm.nih.gov/20425499/</a>
AZELASTINE	A comparison of intranasal corticosteroid, leukotriene receptor antagonist, and topical antihistamine in reducing symptoms of perennial allergic rhinitis as assessed through the Rhinitis Severity Score	<a href="https://pubmed.ncbi.nlm.nih.gov/20167140/">https://pubmed.ncbi.nlm.nih.gov/20167140/</a>
AZELASTINE & BUDESONIDE	Brazilian Academy of Rhinology position paper on topical intranasal therapy	<a href="https://pubmed.ncbi.nlm.nih.gov/23743757/">https://pubmed.ncbi.nlm.nih.gov/23743757/</a>
BUDESONIDE	Budesonide vs Saline Nasal Irrigation in Allergic Rhinitis: A Randomized Placebo-Controlled Trial.	<a href="https://pubmed.ncbi.nlm.nih.gov/32393099">https://pubmed.ncbi.nlm.nih.gov/32393099</a>
BUDESONIDE	Latest developments on topical therapies in chronic rhinosinusitis. [Review]	<a href="https://pubmed.ncbi.nlm.nih.gov/31789928">https://pubmed.ncbi.nlm.nih.gov/31789928</a>
BUDESONIDE	Budesonide nasal irrigation improved Lund-Kennedy endoscopic score of chronic rhinosinusitis patients after endoscopic sinus surgery	<a href="https://pubmed.ncbi.nlm.nih.gov/30788581">https://pubmed.ncbi.nlm.nih.gov/30788581</a>
BUDESONIDE	Budesonide irrigation with olfactory training improves outcomes compared with olfactory training alone in patients with olfactory loss.	<a href="https://pubmed.ncbi.nlm.nih.gov/29901865">https://pubmed.ncbi.nlm.nih.gov/29901865</a>
BUDESONIDE	Effect of Budesonide Added to Large-Volume, Low pressure Saline Sinus Irrigation for Chronic Rhinosinusitis: A Randomized Clinical Trial.	<a href="https://pubmed.ncbi.nlm.nih.gov/29879268">https://pubmed.ncbi.nlm.nih.gov/29879268</a>
BUDESONIDE	Safety of long-term high-volume sinonal budesonide irrigations for chronic rhinosinusitis.	<a href="https://pubmed.ncbi.nlm.nih.gov/26750509">https://pubmed.ncbi.nlm.nih.gov/26750509</a>
BUDESONIDE	Topical therapy with high-volume budesonide nasal irrigations in difficult-to-treat chronic rhinosinusitis.	<a href="https://pubmed.ncbi.nlm.nih.gov/26431825">https://pubmed.ncbi.nlm.nih.gov/26431825</a>
BUDESONIDE	The Effectiveness of Budesonide Nasal Irrigation After Endoscopic Sinus Surgery in Chronic Rhinosinusitis With Asthma	<a href="https://pubmed.ncbi.nlm.nih.gov/27440128">https://pubmed.ncbi.nlm.nih.gov/27440128</a>
BUDESONIDE	Budesonide nasal irrigations in the postoperative management of chronic rhinosinusitis	<a href="https://pubmed.ncbi.nlm.nih.gov/23776108">https://pubmed.ncbi.nlm.nih.gov/23776108</a>

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BUDESONIDE	The effects of serum and urinary cortisol levels of topical intranasal irrigations with budesonide added to saline in patients with recurrent polyposis after endoscopic sinus surgery.	<a href="https://pubmed.ncbi.nlm.nih.gov/20109316/">https://pubmed.ncbi.nlm.nih.gov/20109316/</a>
BUDESONIDE	Management of chronic rhinosinusitis with steroid nasal irrigations: A viable nonsurgical alternative in the COVID-19 era.	<a href="https://pubmed.ncbi.nlm.nih.gov/32573106/">https://pubmed.ncbi.nlm.nih.gov/32573106/</a>
BUDESONIDE	Impact of saline irrigation and topical corticosteroids on the postsurgical sinonasal microbiota	<a href="https://pubmed.ncbi.nlm.nih.gov/25556553/">https://pubmed.ncbi.nlm.nih.gov/25556553/</a>
BUDESONIDE	The safety and efficacy of short-term budesonide delivered via mucosal atomization device for chronic rhinosinusitis without nasal polyposis.	<a href="https://pubmed.ncbi.nlm.nih.gov/24449682/">https://pubmed.ncbi.nlm.nih.gov/24449682/</a>
BUDESONIDE	Post-operative budesonide irrigations for patients with polyposis: a blinded, randomized controlled trial.	<a href="https://pubmed.ncbi.nlm.nih.gov/26363164/">https://pubmed.ncbi.nlm.nih.gov/26363164/</a>
BUDESONIDE	Safety analysis of long-term budesonide nasal irrigations in patients with chronic rhinosinusitis post endoscopic sinus surgery.	<a href="https://pubmed.ncbi.nlm.nih.gov/26879335/">https://pubmed.ncbi.nlm.nih.gov/26879335/</a>
BUDESONIDE	Contralateral sinus involvement of surgically treated unilateral allergic fungal rhinosinusitis.	<a href="https://pubmed.ncbi.nlm.nih.gov/28501959/">https://pubmed.ncbi.nlm.nih.gov/28501959/</a>
BUDESONIDE	Effect of intranasal budesonide irrigations on intraocular pressure	<a href="https://pubmed.ncbi.nlm.nih.gov/23704078/">https://pubmed.ncbi.nlm.nih.gov/23704078/</a>
BUDESONIDE	Topical therapy with high-volume budesonide nasal irrigations in difficult-to-treat chronic rhinosinusitis	<a href="https://pubmed.ncbi.nlm.nih.gov/26431825/">https://pubmed.ncbi.nlm.nih.gov/26431825/</a>
BUDESONIDE	Latest developments on topical therapies in chronic rhinosinusitis	<a href="https://pubmed.ncbi.nlm.nih.gov/31789928/">https://pubmed.ncbi.nlm.nih.gov/31789928/</a>
BUDESONIDE	Use of Off-Label Nasal Steroid Irrigations in Long-Term Management of Chronic Rhinosinusitis	<a href="https://pubmed.ncbi.nlm.nih.gov/33683979/">https://pubmed.ncbi.nlm.nih.gov/33683979/</a>
BUDESONIDE	Effectiveness of intranasal steroids on rhinitis symptoms, sleep quality, and quality of life in patients with perennial allergic rhinitis	<a href="https://pubmed.ncbi.nlm.nih.gov/33864483/">https://pubmed.ncbi.nlm.nih.gov/33864483/</a>
CROMOYLN SODIUM	Efficacy and tolerability of newer antihistamines in the treatment of allergic conjunctivitis	<a href="https://pubmed.ncbi.nlm.nih.gov/15631542/">https://pubmed.ncbi.nlm.nih.gov/15631542/</a>

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CROMOYLN SODIUM	Treatment of allergic rhinitis during pregnancy	<a href="https://pubmed.ncbi.nlm.nih.gov/15035567/">https://pubmed.ncbi.nlm.nih.gov/15035567/</a>
CROMOYLN SODIUM	Efficacy and patient satisfaction with cromolyn sodium nasal solution in the treatment of seasonal allergic rhinitis: a placebo-controlled study	<a href="https://pubmed.ncbi.nlm.nih.gov/12117084/">https://pubmed.ncbi.nlm.nih.gov/12117084/</a>
CROMOYLN SODIUM	Use of intranasal cromolyn sodium for allergic rhinitis	<a href="https://pubmed.ncbi.nlm.nih.gov/11936930/">https://pubmed.ncbi.nlm.nih.gov/11936930/</a>
THEOPHYLLINE	Intranasal theophylline treatment of hyposmia and hypogeusia: a pilot study	<a href="https://pubmed.ncbi.nlm.nih.gov/23165381/">https://pubmed.ncbi.nlm.nih.gov/23165381/</a>
THEOPHYLLINE	Therapeutic diminution of Interleukin-10 with intranasal theophylline administration in hyposmic patients	<a href="https://pubmed.ncbi.nlm.nih.gov/35124402/">https://pubmed.ncbi.nlm.nih.gov/35124402/</a>
THEOPHYLLINE	Smell Changes and Efficacy of Nasal Theophylline (SCENT) irrigation: A randomized controlled trial for treatment of post-viral olfactory dysfunction	<a href="https://pubmed.ncbi.nlm.nih.gov/34894449/">https://pubmed.ncbi.nlm.nih.gov/34894449/</a>