

NasoNeb Bibliography

Bold first author name indicated studies specifically involving the NasoNeb Nasal Nebulizer

1. Adelson, RT, Kennedy DW: "Paranasal sinus exostoses: possible correlation with cold temperature nasal irrigation after endoscopic sinus surgery" *Laryngoscopy* 2013, Jan: 123(1): 24 – 7
2. Mow Yee Foo, Yung-Sung Cheng, Ph.D., Wei-Chung Su, Ph.D., Maureen D. Donovan, Ph.D.: "The Influence of Spray Pattern on Intranasal Deposition" *J. Aerosol Therapy*, 2007;20:4: 495-508
3. **Yuri M. Gelfand, MD**; Samer Fakhri, MD; Amber Luong, MD, PhD; Seth J. Isaacs, MD & Martin J. Citardi, MD: "A Comparative Study of the Distribution of Normal Saline Delivered by Large Particle Nebulizer vs. Large Volume/Low Pressure Squeeze Bottle" 56th Annual Meeting of the American Rhinologic Society, September 25, 2010, page 38
4. **Halderman, AA**; Stokken, J., Sindwani, R.: "The effect of middle turbinate resection on topical drug distribution into the paranasal sinuses" *Int. Forum Allergy Rhinol.* 2016;6:1056-1061
5. Harvey, RJ, Denath, N, Sribiski, A, et. al: "Fluid residuals and drug exposure in nasal irrigation" *Otolaryngol. Head and Neck Surg.* 2009; 141:757-761
6. Haffey, MD, Timothy; Woodard, MD, Troy, Sindwani, MD, Raj: "Paranasal Sinus Exostoses: An Unusual Complication of Topical Drug Delivery Using Cold Nasal Irrigations" *Laryngoscope* 2012, Sep;122(9):1893-7
7. **Holmes, MD, Janalee; Haffey, MD**, Timothy; Woodard, MD, Troy, Sindwani, MD, Raj: "Ambient Warming of Nasal Irrigation Solutions: Implications for Safe Topical Drug Delivery and Patient Compliance"; COSM 2013 program, p 42
8. **Harold Kim***, Sara A Moore and Miles G Johnston: "Potential for intranasal drug delivery to alter cerebrospinal fluid outflow via the nasal turbinate lymphatics" *Fluids and Barriers of the CNS* 2014, 11:4
9. **Kristal Brown**, James Lane, Marianella Paz Silva, Marcy DeTineo, Robert M. Naclerio and Fuad M. Baroody: "A pilot study of the effects of intranasal budesonide delivered by NasoNeb® on patients with perennial allergic rhinitis" *Int Forum Allergy Rhinol*, 2014, 4:43-48
10. **Fuad Baroody, MD**, James Lane, BSc,Marianella Paz-Silva, MD, Kristal Wimmer-Kunito, MD, Jayant Pinto, MD,Robert Naclerio, MD: "Effects of Intranasal Budesonide Delivered by Nasal Nebulizer on Symptoms and Objective Measures of Nasal Congestion in Perennial Allergic Rhinitis" COSM 2013 Program, p 21
11. Laube, Ph.D., Beth: "Devices for Aerosol Delivery to Treat Sinusitis" *J. Aerosol Therapy*, 2007;7:Supplement 1:S1-S18
12. **Manes RP**, Tong L, Batra PS.: "Prospective evaluation of aerosol delivery by a powered nasal nebulizer in the cadaver model" 56th Annual Meeting of the American Rhinologic Society, September 25, 2010, page 119
13. **Manes RP**, Tong L, Batra PS.: "Prospective evaluation of aerosol delivery by a powered nasal nebulizer in the cadaver model" *Int Forum Allergy Rhinol*, 2011; 1:366–371

14. **Merkley, MA**, Bice, TC, Grier A, Strohl, AM, Man, L-X, Gill SR: "The effect of antibiotics on the microbiome in acute exacerbations of chronic rhinosinusitis" Int. Forum Allergy Rhinol. 2015;5:884-983
15. Nikander K, Turpeinen M, Wollmer P.: "The conventional ultrasonic nebulizer proved inefficient in nebulizing a suspension.", J Aerosol Med. 1999 Summer;12(2):47-53.
16. Ramakrishnan, MD, Jeevan B.; Pirron, MD, Jose A.; Pereplechikov, MD, PhD; Ferguson, MD FAAOA, Berrylin J.: "Exostoses of the paranasal sinuses" Laryngoscope 2010 Dec; 120(12) 2532 - 2534
17. Schwarts, KM, Eckel, LJ; Black, DF; Lehman, VT; Diehn, FE; Hunt, CH; Lindell, EP: "Irrigation Nose: CT Findings of Paranasal Exostoses" Open Neuroimag. J. 2012; 6:90-91
18. Takanami C, Goto Y.: " Physical properties of antibiotic aerosols produced by jet and ultrasonic nebulizers." J Aerosol Med. 1990 Spring;3(1):45-52.
19. U.S. Department of Health and Human Services Food and Drug Administration Center for Drug Evaluation and Research (CDER): "Guidance for Industry Sinusitis: Designing Clinical Development Programs of Nonantimicrobial Drugs for Treatment" November 2006.
20. Winkler, Julia; Hochhaus,Guenther; Derendorf , Hartmut: "How the Lung Handles Drugs: Pharmacokinetics and Pharmacodynamics of Inhaled Corticosteroids" Proc Am Thorac Soc December 1, 2004 vol. 1 no. 4 356-363.
21. "Performance Analysis: The NasaTouch™ NT7001 Powered Nasal Irrigator", MedInvent, LLC
22. "Particle Size and Airflow: Implications for nasal and paranasal sinus delivery," White Paper, MedInvent, LLC
23. **Mumford, Pharm. D.** Travis, Murawski, R.Ph., Ph.D. Mathew: "The effects of middle turbinate resection on topical drug distribution into the paranasal sinus cavities – A pilot study." Pharm. D. research paper, Purdue University.