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
topical drug distribution into the paranasal sinuses” Int. Forum Allergy Rhinol. 2016:6:1056-
1061
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
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
nebulizer in the cadaver model” Int Forum Allergy Rhinol, 2011; 1:366–371


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


22. “Particle Size and Airflow: Implications for nasal and paranasal sinus delivery,” White Paper, MedInvent, LLC