

**NEEL K BHATT, MD****1. PERSONAL DATA**

Place of Birth: Boonville, IN  
nkbhatt@uw.edu

**2. EDUCATION**

2002-2006 BS, Biology, Indiana University, Bloomington, IN  
2006 – 2008 MS, Biology, Indiana University Purdue University Indianapolis, Indianapolis, IN  
2008 – 2012 MD, Indiana University School of Medicine, Indianapolis, IN

**3. POSTGRADUATE TRAINING**

2012 – 2019 Resident, Otolaryngology, Washington University, Saint Louis, MO  
2014 – 2016 Post-doctoral researcher, Washington University, Saint Louis, MO  
2019 – 2020 Fellowship in Laryngology, University of Southern California, Los Angeles, CA

**4. FACULTY POSITIONS HELD**

2019 – 2020 Clinical Instructor, University of Southern California, Los Angeles, CA

**5. HOSPITAL POSITIONS HELD**

2019 – Clinical Instructor, Keck Hospital of USC, Los Angeles, CA  
2019 – Clinical Instructor, Los Angeles County Hospital, Los Angeles, CA

**6. CURRENT EMPLOYMENT**

2020 – Assistant Professor, University of Washington, Seattle, WA

**7. HONORS**

2002-2006 Scholarship, Science, Technology and Research Scholar (STARs), Indiana University  
2004-2006 Indiana State Champion, Intercollegiate oratory, National Forensics Association  
2004, 2006 National Semi-finalist, Intercollegiate oratory (Top 12 in nation), National Forensics Association  
2009 Scholarship, Research in Academic Medicine, Indiana University  
2009, 2010 Medical Student Council, Dean-appointed student representative  
2012 Winning Poster - Triological Society Combined Sections Meeting, Miami, FL  
2016 Winning Poster - American Laryngological Association (ALA) at COSM, Chicago, IL  
2016 Steven Dean Gray Research Award - American Broncho-Esophagological Association (ABEA) at COSM, Chicago, IL  
2017 Ogura-Harkins Case Competition, St Louis, MO – 2<sup>nd</sup> Place  
2017 Steven Dean Gray Research Award - American Broncho-Esophagological Association (ABEA) at COSM, San Diego, CA  
2018 Paparella Clinical Research Award, St Louis, MO – 2<sup>nd</sup> Place  
2019 Paparella Clinical Research Award, St Louis, MO – 2<sup>nd</sup> Place  
2019 Joseph M Chole Humanitarian Award, Washington Univ. Dept of Otolaryngology, St Louis, MO

**8. BOARD CERTIFICATION**

2020 American Board of Otolaryngology – Head and Neck Surgery, Board Eligible.

**9. LICENSURE**

2019 – Medical Board of California License

2020 – Washington State Medical License

**10. PROFESSIONAL ORGANIZATIONS**

2012 – American Academy of Otolaryngology – Head and Neck Surgery

**11. TEACHING RESPONSIBILITIES**

2019 – 2020 Clinical instructor, Otolaryngology, Univ of Southern California

2020 – present Assistant Professor, Otolaryngology, Univ of Washington

**12. EDITORIAL RESPONSIBILITIES**

**13. SPECIAL NATIONAL RESPONSIBILITIES**

2014-2015 Centralized Otolaryngology Research Effort (CORE) Study Section reviewer –  
American Academy of Otolaryngology - Head and Neck Sub-committee

**14. SPECIAL LOCAL RESPONSIBILITIES**

(N/A)

**15. RESEARCH FUNDING**

(N/A)

**16. BIBLIOGRAPHY**

*A. Publications in Refereed Journals*

Paniello RC, Park AM, **Bhatt NK**, Al-Lozi M. Recurrent laryngeal nerve recovery patterns assessed by serial electromyography. *Laryngoscope* 2016 Mar. PMID: 26879238

Sand, J P, Park, AM, **Bhatt N**, Desai S, C Marquardt L, Sakiyama-Elbert S, Paniello, RC, Comparison of Conventional, Revascularized, and Bioengineered Methods of Recurrent Laryngeal Nerve Reconstruction. *JAMA Otolaryngol Head Neck Surg.* 2016 Jun 1. PMID: 27149421

**Bhatt NK**, Park AM, Al-Lozi M, Paniello RC. Compound Motor Action Potential Quantifies Recurrent Laryngeal Nerve Innervation in a Canine Model. *Ann Otol Rhinol Laryngol.* 2016 Jul. PMID: 26969454

Paniello RC. **Bhatt NK**. Glottic closing force versus laryngeal adductory pressure in the canine larynx. *Ann Otol Rhinol Laryngol.* 2017 Mar. PMID: 28195018

Park AM, **Bhatt NK**, Paniello RC. Paclitaxel inhibits post-traumatic recurrent laryngeal nerve regeneration into the posterior cricoarytenoid muscle in a canine model. *Laryngoscope.* 2017 Mar. PMID: 27900774

**Bhatt NK**, Mejias C, Kallogjeri D, Gale DC, Park AM, Paniello RC. Potassium titanyl phosphate laser welding following complete nerve transection. *Laryngoscope*. 2017 Jul. PMID: 27859300

Vila PM, Townsend ME, **Bhatt NK**, Kao WK, Sinha P, Neely JG. The *P* value problem in otolaryngology shifting to effect sizes and confidence intervals. *Otolaryngol Head Neck Surg*. 2017 Jun. PMID: 28566048

**Bhatt NK**, Park AM, Al-Lozi MT, Gale DC, Paniello RC. Compound motor action potential duration and latency are markers of recurrent laryngeal nerve injury. *Laryngoscope*. 2017 Aug. PMID: 28224637

**Bhatt NK**, Khan TR, Mejias C, Paniello RC. Nerve transection repair using laser-activated chitosan in a rat model. *Laryngoscope*. 2017 Aug. PMID: 28349572

Gale DC, **Bhatt NK**, Paniello RC. Quantification of rat supraglottic laryngeal sensation threshold. *Laryngoscope*. 2017 Aug. PMID: 28195018

Zenga J, Haughey BH, Jackson RS, Adkins DR, Aranake-Chrisinger J, **Bhatt N**, Gay HA, Kallogjeri D, Martin EJ, Moore EJ, Paniello RC, Rich JT, Thorstad WL, Nussenbaum B. Outcomes of surgically treated human papillomavirus-related squamous cell carcinoma with N3 disease. *Laryngoscope*. 2017 Sept. PMID: 28008626

Vila PM, **Bhatt NK**, Paniello RC. Early injection laryngoplasty may lower risk of thyroplasty: a systematic review and meta-analysis. *Laryngoscope*. 2018 Apr. PMID: 29355983

Paniello RC, Halum SL, **Bhatt NK**, Bijangi-Vishehsaraei K, Zhang H, Brookes S. Improved adductor function after canine recurrent laryngeal nerve injury and repair using muscle stem cells. *Laryngoscope*. 2018 Jul. PMID: 29219186

Paniello RC, **Bhatt NK**, Chernock RD. Toxicity trial of canine posterior cricoarytenoid intramuscular vincristine injections. *Laryngoscope*. 2018 Jul. PMID: 29219188

**Bhatt NK**, Kang LI, El-Mofty SK, Nussenbaum B, Pipkorn P. Emergent parotidectomy after parotid lymphatic malformation hematoma. *Otolaryngology Case Reports*. 2018 June.

**Bhatt NK**, Kao WTK, Paniello RC. Compound motor action potential measures acute changes in laryngeal innervation. *Ann Otol Rhinol Laryngol*. 2018 Oct. PMID: 30009631

**Bhatt NK**, Pipkorn P, Paniello RC. Association between upper respiratory infection and idiopathic unilateral vocal fold paralysis. *Ann Otol Rhinol Laryngol*. 2018 Oct. PMID: 30124061

Dang RP, **Bhatt NK**, Rizzi C, Chi JJ. Oculorespiratory reflex during repair of an orbital fracture. *JAMA Otolaryngol Head Neck Surg*. 2019 Feb. PMID: 30730542

**Bhatt NK**, Faddis BT, Paniello RC. Laryngeal adductor function following KTP laser welding of the recurrent laryngeal nerve. *Laryngoscope*. Epub. 2019 Sept. PMID: 3156750

**Bhatt NK**, Wu FM, Darki L, O'Dell K, Paniello RC, Johns MM. Development of in-office laryngeal nerve conduction studies: computed tomography and cadaveric study. *Laryngoscope*. 2020

### *B. Book Chapters*

**Bhatt N**, Psychotic Behavior in the Intensive Care Unit: ICU Delirium. *Winning Orations of the Interstate Oratorical Association*. Communication Links. Mankato: 2005.

**Bhatt NK**, Halum SL. Management of Oropharyngeal Dysphagia. Total Otolaryngology, New York Thieme Publishers, 2014.

**Bhatt N**, Chen C, Gross J, L'Esperance HE, Lieu J, Vila PM. Otolaryngology. The Washington Manual – Internship Survival Guide – Fifth Edition. Philadelphia: Walters Kluwer, 2019.

**Bhatt NK**, Blumin JA. Decision making around reinnervation. Decision Making in Vocal Fold Paralysis: A Guide to Clinical Management. Springer, 2019.

C. Published Books Videos, Software, etc.  
(N/A)

#### *D. Other Publications*

**Bhatt NK**, Johns MM. What's old and new in vocal tremor? Tremor Talk. International Essential Tremor Foundation. Issue 27. January 2019.

*E. Manuscripts Submitted*  
(N/A)

*F. Abstracts*  
(N/A)

## **17. OTHER**

### *A. Invited National And Internal Lectures*

**Bhatt NK**, Kallogjeri D, Park AM, Perlmutter J, Paniello RC. Outcome Clustering Following Treatment of Spasmodic Dysphonia. Oral Presentation. American Academy of Otolaryngology – Head and Neck Society. Dallas, TX. September 27-30, 2015.

**Bhatt NK**, Grindler DJ, Spataro EA, Kallogjeri D, Paniello RC. Natural history of symptomatic recovery from unilateral vocal fold paralysis. Oral Presentation. Triological Combined Sections Meeting. Miami, FL. January 22-24th, 2016.

**Bhatt NK**, Mejias C, Gale D, Park AM, Paniello RC. Promoting nerve recovery following complete transection with laser nerve welding. Oral Presentation. American Broncho-Esophagological Association Meeting. Chicago, IL. May 19th, 2016.

**Bhatt NK**, Khan TC, Mejias C, Paniello RC. Nerve transection repair using chitosan biopolymer in a rat model. Oral Presentation. Triological Combined Sections Meeting, New Orleans, LA. January 19, 2017.

**Bhatt NK**, Kao WK, Paniello RC. Compound motor action potential measures acute changes in laryngeal innervation. Oral Presentation. American Broncho-Esophagological Association Meeting. San Diego, CA. April 26, 2017.

**Bhatt NK**, Pipkorn P, Paniello RC. Association between upper respiratory infection and idiopathic

unilateral vocal fold paralysis. Oral Presentation. Fall Voice Conference. Washington, DC. October 13, 2017.

**Bhatt NK, Paniello RC.** Laryngeal adductor function following KTP laser welding of the recurrent laryngeal nerve. Oral Presentation. American Laryngological Association. National Harbor, MD. April, 18, 2018.

**Bhatt NK, Mendoza JM, Kallogjeri D, Bradley JP.** Comparison of staple-assisted diverticulotomy, laser-assisted diverticulotomy, and transcervical diverticulectomy for Zenker's diverticulum: A systematic review and meta-analysis. Oral Presentation. American Laryngological Association. May 1-3, 2019. Austin, TX.

**Bhatt NK.** The utility of evoked laryngeal electromyography (eLEMG): a clinical and research tool. University of Washington – Department of Otolaryngology – Head and Neck Surgery. Grand Rounds. Seattle, WA, December 11<sup>th</sup>, 2019.

**Bhatt NK.** Using evoked laryngeal electromyography (eLEMG) to describe the aging voice: a clinical and research tool. University of Pennsylvania – Department of Otorhinolaryngology – Head and Neck Surgery, Grand Rounds. Philadelphia, PA, January 16<sup>th</sup>, 2020.

**Bhatt NK.** Using evoked laryngeal electromyography (eLEMG) to better described the aging voice: a clinical and research tool. University of Southern California – Tina and Rick Caruso Department of Otorhinolaryngology – Head and Neck Surgery, Grand Rounds. Los Angeles, CA, April 25<sup>th</sup>, 2020.

**Bhatt NK, Wu FM, Darki L, O'Dell K, Paniello RC, Johns MM.** Toward the development of in-office evoked laryngeal electromyography: computed tomography and cadaveric study. Accepted as oral presentation. American Broncho-Esophagological Association Meeting. Atlanta, GA

**Bhatt NK, Huang V, Bertelsen C, Gao W, Reder LS, Johns MM, O'Dell K,** Pulmonary function tests better predict dyspnea severity in patients with subglottic stenosis compared to clinician-reported stenosis. Oral Presentation. Fall Voice Conference. Los Angeles, CA, October 24<sup>th</sup>, 2020 (Virtual presentation).

**Bhatt NK.** Challenges in measuring and detecting laryngeal neuropathy. Northwest Voice Foundation. Quarterly meeting. Seattle, WA. October 5<sup>th</sup>, 2020.