

## **CURRICULUM VITAE**

### **GERALD S. BERKE, M.D.**

**Business Address:** 924 Westwood Blvd. Suite 515  
Los Angeles, CA 90095

### **EDUCATION**

University of Southern California

University of Southern California – M.D. 1978

LA County/USC General Hospital  
Surgical Residency - June 1978 - June 1979

UCLA School of Medicine  
Surgical Residency - July 1979 - June 1980

Otolaryngology Residency - July 1980 - June 1984

### **LICENSURE AND MEDICAL BOARD CERTIFICATION**

California Physician and Surgeon – 1978  
Drug Enforcement Administration (DEA) Controlled Substance Registration – 1978  
American Board of Otolaryngology - 1984

### **PROFESSIONAL EXPERIENCE / EMPLOYMENT**

UCLA David Geffen School of Medicine January 2012 - present  
Chair, Department of Head and Neck Surgery

UCLA School of Medicine January 1992 – December 2011  
Chief, Division of Head and Neck Surgery

UCLA School of Medicine - July 1993 - present  
Professor of Surgery

UCLA School of Medicine -July 1991 - December 1991  
Acting Chief, Department of Surgery- Division of Head & Neck

VA Wadsworth Medical Center - July 1984 - December 1991  
Chief, Otolaryngology Section

UCLA School of Medicine - July 1984 - June 1993  
Associate Professor of Surgery in Residence

A & M Record Company - 1970-1973  
Song Writer and Copy Editor

### **PROFESSIONAL SOCIETIES**

University of Southern California Medical School Alumni Association

**Gerald S. Berke, M.D.**

American Academy of Otolaryngology-Head and Neck Surgery

University of California Los Angeles Medical School Alumni Association

American Medical Association

California Medical Association

Los Angeles County Medical Association

Los Angeles Otolaryngologic Society

Association for Research in Otolaryngology

Fellow, American College of Surgeons

Broncho-Esophagological Society

Triological Society

American Laryngological Association

American Rhinological Society

Bay Surgical Society

RRC ACGME

**COMMITTEES/RESPONSIBILITIES**

**UCLA Head and Neck Departmental Responsibilities**

- Medical Director, Department of Head and Neck Surgery
- Chair, Appointments and Promotions Committee – 2004 - 2011
- Executive Administrative Committee, Goodhill Center
- Budget Committee
- Space Reallocation Committee
- Curriculum Development Committee
- Coordinator of Surgical Anatomy Course
- Coordinator of Pathology Course
- Coordinator of Pharmacology Course
- Faculty Awards Committee
- Co-Director, International Laser Physiology Course, UCLA School of Medicine - April 1994

**Gerald S. Berke, M.D.**

**UCLA Departmental and University Responsibilities**

- Chair, UCLA, Department of Surgery, Appointments and Promotions Committee – 2004 -2011
- Chair, UCLA, Department of Surgery, Executive Committee – 2004 - 2011
- UCLA Faculty Group, Health Services Committee
- Health Care Services Committee
- Medical Services Task Force
- Medical and Professional Task Force
- Department of Surgery Compensation Committee
- Department of Surgery Billing and Collections Subcommittee
- SPAC Committee on Change
- Well Being Seminar Host, UCLA Medical School
- The Council on Academic Personnel, Ad Hoc Committee - 1999-Present
- Faculty Practice Group Search Committee – 2003

**National and International Responsibilities**

- Reviewer for V.A. Technical Merit and Research Advisory Group Grants - 1988-present
- Program Committee, Kyoto University Conference on Phonosurgery – 1992
- Program Development Committee, Association for Research in Otolaryngology, New Frontiers in Laryngology – 1992
- Member, Neurolaryngology Study Section of the American Academy of Otolaryngology/Head and Neck Surgery - 1992-present
- Member, California Medical Association Executive Advisory Panel in Otolaryngology - 1992, 1993, 1994
- Guest Examiner, American Board of Otolaryngology - March 1992, 1993, 1995, 1997
- Ad hoc reviewer for NIH/NIDCD RFA Centers of Excellence Grants - 1993
- Program Committee for NIH/NIDCD Neurolaryngology Conference – 1993
- Invited Member, Expert Panel on Voice for NIH Revision of National Strategic Research Plan - 1993
- Moderator, American College of Surgeons, San Francisco, Otolaryngology Panel - 1993
- Editor, Epitomes of Otolaryngology, Edition of Western Journal of Medicine - 1993
- Neurolaryngology Committee, American Laryngological Association - 1993 – present
- Task Force on New Materials, American Academy Otolaryngology – 1993 - 1997

**Gerald S. Berke, M.D.**

- Secretary, Western Section of the Triological Society - 1994-1999
- Laryngeal Research Committee, American Laryngeal Association - 1994 – present
- Chair, Community Academic Relations Committee, American Academy Otolaryngology - 1994 - present
- Co-Chair, NIDCD Revision of National Strategic Research Plan on Voice and Voice Disorders – 1995
- By-Laws Committee, Society of University Otolaryngologists-Head and Neck Surgeons – 1995
- Council Member, Society of University Otolaryngologists - 1996 - 1999
- Reviewer for Canadian Board of Medical Grants – 1997
- Member, Granting Committee, ALA - 1997
- Member, Neurolaryngology Sub-Committee, AAO-HNS - 1997-present
- Member, Neurolaryngology Sub-Committee, ALA - 1997-present
- Council Member, American Laryngological Association - 1999-2005
- Vice President Elect, Triological Society-Western Section, Nominated – 2000
- Vice President/President Elect, American Laryngological Association – 2002
- President, American Laryngological Association – 2002 -
- Program Committee, Western Section, Triological Society – 2003 - present
- Development Committee, American Academy OTO/HNS - 2004
- Member, Los Angeles Opera Board – 2004 – present
- Member, Board of Directors, American Board of Otolaryngology - 2005-present
- Member, ACGME – Resident Review Committee Board in Otolaryngology - 2007-Present
- Scientific Advisory Board Member, National Spasmodic Dysphonia Association (NSDA) - 2007-2014
- Member, NIH/NIDCD Grant Profile Program – 2008
- Member, Executive Committee, American Board of Otolaryngology – 2008 – 2012
- Chair, Ethics Committee, American Board of Otolaryngology – 2008 - 2010
- Member, The Voice Foundation – 2008 to present
- Member, The Triological Society Executive Committee – 2009 - present
- President Elect, The Triological Society, Nominated – May 2009
- President, The Triological Society – May 2010 – May 2011
- Member, NIDCD Advisory Council – June 2010 – present

**Gerald S. Berke, M.D.**

- Chair, Research Committee, Triological Society – 2011 to Present
- Chair, Information and Liaison Committee, American Board of Otolaryngology – 2012 to Present
- Chair, National Spasmodic Dysphonia Association (NSDA) Scientific Advisory Board - 2014-present

**EDITORIAL RESPONSIBILITIES**

- Editorial Consultant, Journal, Acoustical Society of America, 2000 to present
- Editorial Consultant, Journal of Speech and Hearing Research, 2000 to present
- Editorial Consultant, Annals of Otolaryngology, 2000 to present
- Editorial Consultant, Head and Neck Surgery, 2000 to present
- Editorial Consultant, Journal of Infectious Disease, 2000 to present
- Editorial Consultant, Pulmonary Medicine, 2000 to present
- Editorial Board, The Laryngoscope, 2000 to present
- Editorial Board, Ear Nose and Throat Journal, 2000 to present
- Editorial Board, Journal of Voice, 2000 to present
- Editorial Board, Otolaryngology Journal Club Journal, 2000 to present
- Editorial Consultant, Dysphagia Journal, 2000
- Editorial Consultant, Journal of Fertility and Sterility, 2010 to present
- Editorial Consultant, Archives of Otolaryngology, 2011 to present

**OTHER PROFESSIONAL ACTIVITIES**

- West Coast imaging consultant to Bruel & Kjaer Electronics, 2006 to present
- Tertiary Claims Reviewer for Blue Cross of So. California, 2006 to present
- Best Doctors Case Reviewer, 2011 to present
- World Care Case Reviewer, 2012 to present

**HONORARY SOCIETIES**

Phi Beta Kappa  
Phi Kappa Phi  
Acoustical Society of America

**AWARDS**

University of Southern California Medical School Scholarship  
Full Tuition 1975, 1976, 1977, Partial Tuition 1978

**Gerald S. Berke, M.D.**

UCLA Head and Neck Surgery Full-time Faculty Teaching Award – 1985

Vice President's Award, Triologic Society - 1988, 1991, 1992

Association for Research in Otolaryngology Research Award, 93rd meeting of AAO-HNS - September 1989

American Laryngologic Association Award for Research - 1990, 1994

Visiting Honored Professor, University of Kansas City, Society of Otolaryngology - October 1992

2nd Place, AAO-HNS-ARO Research Forum, Basic Science Category – 1992

Visiting Honored Professor, University of Buffalo, Otolaryngology Department - August 1993

Shirley Baron Award, Western Section Triological Society - 1994

1st Place, Resident Research Award, Middle Section Triological Society – 1994

Basic Science Research Award, Bay Area Residents' Research Symposium - 1997

"Who's Who in Executives and Professionals" – 2007 - Present

Listing in "Best Doctors in America," – 2007 – Present

Endowed Chair, Goodhill Center, Head and Neck Surgery – 2007 to Present

Baker Lectureship, American Laryngological Association - 2007

Presidential Citation Award, Triological Society 111<sup>th</sup> Annual Meeting, Orlando, FL. - May 2008

Certificate of Off-Site Training Console Surgeon, da Vinci Surgical System, Philadelphia, PA – June 2011

De Roaldes Award, American Laryngological Association - 2012

2016 American Laryngological Association Award, American Laryngological Association - Presented May 2016

**RESEARCH GRANTS AND FELLOWSHIPS RECEIVED**

[RESEARCH FOCUS: *Laryngeal Physiology-Vocal Fold Vibration*]

**RESEARCH and TRAINING GRANTS**

**PRIOR ACTIVITIES**

**Intramural**

Stroboscopic Laryngeal Photography  
G. Berke, Principal Investigator  
UCLA Academic Senate Grant  
No Salary Support  
Direct cost \$2,100

**Gerald S. Berke, M.D.**

**Extramural**

Development and Implementation of an In-Vivo Canine Laryngeal Model.

**G. Berke**, Principal Investigator

V.A. Research Advisory Group Grant funded October 1984 - September 1986

No Salary Support

Direct cost \$25,673

The Effect of Change in Tension and Mass on Vocal Cord Vibration in Vivo.

**G. Berke**, Principal Investigator

V.A. National Merit Review Grant funded October 1986 - September 1988

Direct cost \$48,410

Measures of Vocal Dysfunction in Neurological Disorders.

**G. Berke**, Co-Investigator

NIH/NS Grant # 20707

No Salary Support

Direct cost \$429,121

Linguistic Use of Laryngeal and Aerodynamic Processes

**G. Berke**, Project Laryngologist to Peter Ladefoged & Ian Maddieson, Co-P.I.

NIH-NINCDS. Funded 1985 - 1988

Direct Cost \$1,695,900

Percutaneous Tracheostomy System.

**G. Berke**, Principal Investigator

Grant from Shiley Inc. June 1989 - January 1990

Direct Cost \$25,000

Laryngeal Vibration, Airflow and Acoustics.

**G. Berke**, Principal Investigator

V.A. National Merit Review funded October 1988 - September 1991

Direct Cost \$137,943

Laryngeal Vibration, Airflow and Acoustics

**G. Berke**, Principal Investigator

VA Merit Review Grant

Funded April 1992 - March 1995

Direct cost \$253,020

Intraoperative Measures of Vocal Fold Young's Modulus.

**G. Berke**, Principal Investigator

NIH/NS Grant (RO1 DC00855-01)

Funded August 1990 - July 1994

Direct cost \$186,557.

Laryngeal Resistance: Physiology and Pathophysiology.

**G. Berke**, Research Advisor to P.I. David Green M.D.

American Laryngologic Association

Funded April 1991- March 1993

Direct Cost \$15,000.

Computer Assisted Speech Evaluation Expert System

**G. Berke**, Investigator

V.A. Rehabilitation Research & Development Merit Review

**Gerald S. Berke, M.D.**

Funded 1990-1993.  
Direct Cost \$197,000.

Training Program in Phonetics and Speech

**G. Berke**, Participating Faculty to Program Director Peter Ladefoged, Ph.D.  
NIH-NIDCD Training Grant, DC00029  
Funded 1989-1994

Evaluation of Word Recognition Performance with Sentence Materials

Michael Cohen, P.I., **G. Berke**, Investigator  
Veterans Administration  
5/1/96-3/31/98  
Direct costs: \$128,595

New Techniques in Laryngeal Imaging

**G. Berke**, P.I.  
Buel and Kjaer Stroboscopic Equipment Grant.  
Direct Cost \$44,000

Orthotopic Laryngeal Transplantation

**G. Berke**, P.I., Grant from Sandoz for Cyclosporin

Toward Standardizing Perceptual Voice Quality Measures

B. Gerratt, P.I., **G. Berke**, Investigator  
NIH Grant, DC01797-02  
Direct Cost \$750,889

Laryngeal Vibration, Airflow, Acoustics and Transplantation

**G. Berke**, K. Blackwell, CO -P.I., J. Sercarz, B. Gerratt, J. Kreiman, Investigators  
Veterans Affairs Merit Review Grant  
Direct Cost: \$279,100  
1993-1997

Vestibular Clinical and Basic Research Project Center

V. Honrubia, P.I., **G. Berke**, Investigator  
NIDCD Program Project Grant, DC02952-02  
Direct Cost: \$680,779

Developmental Neurology

V. Honrubia, P.I., **G. Berke**, Investigator  
NIH Training Grant, DC00008-21  
Direct Cost: \$97,388  
6/92-6/02

Evaluation of Free Flap Reconstruction in the Treatment of Patients with Head and Neck Carcinoma

John Beumer, P.I., **G. Berke** Co-Investigator  
NDI Grant, DC01797-02  
Direct Cost \$317,047

Vocal Fold Medialization Using Injectable Hydroxylapatite Paste In the Canine Model

**G. Berke**, Chhetri D., CO- PI  
01/01/01 – 05/30/02  
Bioform  
Direct Costs: \$35,930

Direct and Indirect Measures of Glottal Volume Velocity

**Gerald Berke**, PI



**Gerald S. Berke, M.D.**

07/01/04 – 06/30/09  
NIDCD #DC004688  
Direct Costs: \$1,137,500

Toward Standardizing Perceptual Voice Quality Measures  
J. Kreiman, P.I., **G. Berke**, Consultant  
NIH Grant, DC01797-02  
Direct Cost \$1,335,816  
12/01/01-11/30/10

Medial Surface Dynamics of the Vocal Folds  
David Berry, PI, **G. Berke**, Consultant  
05/01/02 – 04/30/12  
NIDCD #DC003072  
Direct Costs: \$1,137,500

**CURRENT ACTIVITIES**

Laryngeal muscular control of voice quality  
**Gerald Berke**, Zhaoyan Zhang, Co P.I.'s  
NIH Grant, Submitted 2012  
07/01/2013-06/30/2018  
Estimated Direct Costs: \$2,113,506

Biomechanical Mechanisms Of Phonation  
Z. Zhang, P.I. **G. Berke**, Consultant  
NIH Grant, R01DC011299-04  
07/01/11 - 06/30/16  
Fund amount :\$ 507,755

Development of Ex-Vivo Perfused Living Larynx  
**G. Berke**, PI  
Robert Green Head and Neck Surgery Gift Fund  
2012 to 2017  
Fund Amount: \$2,000,000

Validity & Reliability of Diagnostic Methods & Measures of Spasmodic Dysphonia  
C. Ludlow, P.I. **G. Berke**, Consultant  
NIH Grant, U54 NS065701  
06/2010 – 06/2015  
Direct Costs: \$357,560

The Relationship between Vortices, Acoustics, and Vibration in Vocal Fold Assymet  
Khosla, Siddarth, PI, **G. Berke**. Consultant  
NIH Grant, R01DC009435  
09/18/09 – 08/31/2014  
Direct Costs: \$3,091,715

Development of Ex-Vivo Perfused Living Larynx  
**G. Berke**, PI  
James and Diane Bashor UCLA Voice Center Gift Fund  
2008 to Present  
Fund Amount: \$1,500,000

**PEER REVIEWED RESEARCH SCIENTIFIC PAPERS - PUBLISHED**

1. **Berke, GS**, Gerratt, BR, Hanson, DG (1983). An Acoustic Analysis of the Effects of Surgical Therapy on Voice Quality. *Otolaryngol Head Neck Surg* 92(83):502-508.
2. **Berke, GS**, Calcaterra, TC (1985). Parotid Hypertrophy with Bulimia: A Report of Surgical Management. *Laryngoscope*, 95:597-600.
3. **Berke, GS**, Alessi, D (1986). Declotting Closed Continuous Suction Systems. *Laryngoscope* 98(8):917-8.
4. Moore, D, **Berke, GS** (1986). Synovial Cell Sarcoma Of the Head and Neck. *Arch Otolaryngol HNS* 113(3):307-312.
5. **Berke, GS** (1986). An Experimental Model to Test the Effect of Change in Tension and Mass on Laryngeal Vibration *In Vivo* of Vocal Fold Tension and Length Effects Upon Phonation. In Proceedings of the IALP Conference On Voice. Hirano M. (Ed.), Kurume, Japan. July 1986. pp ii 1-8.
6. Hanson, DG, **Berke, GS** (1986). Combined Stroboscopy and Photoglottography. In Proceedings of the IALP Conference On Voice. Hirano M. (Ed.), Kurume, Japan. July 1986. pp iii 1-5.
7. Gerratt, B, Hanson, DG, **Berke, GS** (1986). A Non-Invasive Transoral Technique for Glottography. In Proceedings of the IALP Conference On Voice. Hirano M. (Ed.), Kurume, Japan, July 1986, pp 85-90.
8. Buchholtz, BD, **Berke, GS**, Mirra, JM (1987). Facial Nonossifying Fibromas and the Jaffe-Campanacci Syndrome. In Proceedings of the Pacific Coast Oto-Ophthalmological Society. House J. (Ed.), pp 21-23.
9. Moore, DM, **Berke, GS**, Monkewitz, PA (1987). Glottal Airflow Velocity During Phonation in an *In-Vivo* Canine Model. In Proceedings of the International Voice Symposium. Singh W. (Ed.), Bangour Scotland, pp 32-55.
10. **Berke, GS**, Moore, DM, Trapp, T (1987). Photo-electric Measurement of Laryngeal Paralysis Correlated with Videostroboscopy. In Proceedings of the International Voice Symposium. Singh W. (Ed.), Bangour Scotland. pp 1-31.
11. **Berke, GS**, Moore, D, Hantke, D, Hanson, D, Gerratt, B, Burstein, F (1987). Laryngeal Modeling: Theoretical, In Vitro, In Vivo. *Laryngoscope* 97(7):871 881.
12. Moore, DM, **Berke, GS**, Hanson, DG, Ward, PH (1987). Video Stroboscopy of the Canine Larynx: The Effect of Asymmetric Laryngeal Tension. *Laryngoscope* 7(5):543-553.
13. **Berke, GS** (1987). Does Recurrent Laryngeal Nerve Stimulation at 30 Hz Produce Vocal Cord Abduction? *Otolaryngol Head Neck Surg* 96(6):593.
14. Moore, DM, **Berke, GS** (1988). The Effect of Laryngeal Nerve Stimulation On Phonation: A Glottographic Study Using An In Vivo Canine Model. *J Acoust Soc Am* (83)2:705-715.
15. Trapp, T, **Berke, GS** (1988). Photo-electric Measurement of Laryngeal Paralysis Correlated with Videostroboscopy. *Laryngoscope* 98(5):486-492.
16. **Berke, GS**, Moore, DM, Aly, A, Tantisira, J (1988). Trans-Tracheal Stimulation of the Recurrent Laryngeal Nerve. *Am J Otolaryngol* 8:12-17.
17. Alessi, D, **Berke, GS**, Hanson, DG, Trapp, T (1988). An Accurate Method of Teflon Injection. *Arch Otolaryngol* 114:1321-1324.

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18. Hanson, DG, Gerratt, BR, **Berke, GS** (1988). Glottographic Measures of Vocal Fold Vibration: An Examination of Laryngeal Paralysis. *Laryngoscope* 98(5):541-549.
19. Gerratt, BG, Hanson, DG, **Berke, GS** (1988). Laryngeal Configuration Associated with Glottography. *Am J Otolaryngol* 9:173-179.
20. Trapp, T, **Berke, GS**, Bell, T, Hanson, DG, Ward, PH (1988). A Comparison of the Effect of Vocal Fold Augmentation on Vibration in Simulated Paralysis. *Trans Am Laryngological Assoc* 109:177-184.
21. Ward, PH, Hanson, DG, Gerratt, BG, **Berke, GS** (1988). Current and Future Horizons in Laryngeal and Voice Research. *Ann Otolaryngol* 98(2):145-152.
22. Trapp, T, **Berke, GS**, Bell, T, Hanson, DG, Ward, PH (1988). Effect of Vocal Fold Augmentation on Laryngeal Vibration in Simulated Recurrent Laryngeal Nerve Paralysis: A Study of Teflon and Phonogel. *Ann Otolaryngol* 98(3):220-227.
23. **Berke, GS**, Trapp, T, Gerratt, BG, Hanson, DG, Natividad, M (1988). Videostroboscopic Images associated with Glottographic Wave Forms in an *In Vivo* Canine Model of Phonation. *J Acoust Soc Am* 85(4):1789-1793.
24. **Berke, GS**, Moore, DM, Gerratt, BG, Hanson, DG, Natividad, M (1988). Effect of Superior Laryngeal Nerve Stimulation on Phonation in an *In Vivo* Canine Model. *Am J Otolaryngol* 10(3):181-188.
25. Ward, PH, Hanson, DG, Gerratt, BG, **Berke, GS** (1989). Current and Future Horizons in Laryngeal and Voice Research. *Trans Am Laryngological Assoc* 109:155-163.
26. Arnstein, DP, **Berke, GS** (1989). Surgical Considerations in the Open Rhinoplasty Approach to Closure of Septal Perforations. *Arch Otolaryngol* 15(4):435-439.
27. **Berke, GS**, Hanson, DG, Trapp T, Moore, DM, Gerratt, BG (1989). Office Based System for Voice Analysis. *Archi Otolaryngol* 115(1):74-79.
28. Arnstein, DP, **Berke, GS**, Trapp, TK, Natividad, M (1989). Regional Blood Flow to the Canine Vocal Fold at Rest and During Phonation. *Ann Otolaryngol* 98(10):796-802.
29. **Berke, GS**, Gerratt, BG, Hanson, DG, Moore, DM (1989). Voice Analysis Revisited. *Arch Otolaryngol* 115(9):1133-1134.
30. **Berke, GS**, Moore, DM, Gerratt, BG, Hanson, DG, Bell, TS, Natividad, M (1989). The Effect of Recurrent Laryngeal Nerve Stimulation on Phonation in an *In Vivo* Canine Model. *Laryngoscope* 99(9):1243-1249.
31. Arnstein, DP, **Berke, GS**, Trapp, TK, Natividad, M (1989). Regional Blood Flow to the Canine Vocal Fold at Rest and During Phonation. *Trans Am Laryngological Assoc* 110:123-130.
32. Arnstein, DP, **Berke, GS**, Trapp, TK, Natividad, M (1989). Regional Blood Flow to the Canine Vocal Cord: The Microsphere Surface Technique. *Otolaryngol Head Neck Surg* 103(30):371-376.
33. Bredenkamp, JK, Hoover, LA, **Berke, GS**, Shaw, A (1990). Congenital Muscular Torticollis A Spectrum of Disease. *Arch Otolaryngol* 116:212-216.
34. **Berke, GS**, Moore, DM, Monkewitz, PA, Gerratt, BG, Hanson, DG (1990). A Preliminary Study of Particle Velocity During Phonation in an *In Vivo* Canine Model. *J Voice* 3(4):306-314.
35. **Berke, GS**, Trapp, T, Macagba, C, Hanson, DG, Gerratt, BG (1990). The Effect of Airflow and Medial Adductory Compression on Vocal Efficiency and Glottal Vibration. *Otolaryngol Head Neck Surg* 102(3):212-219.

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36. Hanson, DG, Gerratt, BG, **Berke, GS** (1990). Frequency, Intensity, and Target Matching Effects on Glottographic Measures of Open Quotient and Speed Quotient. *J Speech Hearing Res* 33(1):45-51.
37. Smith, M, **Berke, GS** (1990). The Effects of Phonosurgery on Laryngeal Vibration: Part I Theoretical Considerations. *Otolaryngol Head Neck Surg* 103(30):380-390.
38. Green, DC, **Berke, GS** (1990). An In-Vivo Canine Model for Testing Treatment Effects in Laryngeal Hyperadduction Disorders. *Laryngoscope* 100(11):1229-1235.
39. Green, DC, **Berke, GS**, Ward, PH, (1990). Vocal Fold Medialization by Surgical Augmentation Versus Arytenoid Adduction in the *In Vivo* Canine Model. *Ann Otol Rhin Laryngol* 100:280-287.
40. Strasnick, B, Ward, PH, **Berke, GS** (1990). Transcutaneous Teflon Injection for Unilateral Vocal Cord Paralysis: An Update. *Laryngoscope* 101(7):785-788.
41. Green, DC, **Berke, GS**, Graves, MC, (1990). A Functional Evaluation of *Ansa Cervicalis* Nerve Transfer for Unilateral Vocal Cord Paralysis: Future directions for laryngeal reinnervation. *Otolaryngol Head Neck Surg* 104:453-466.
42. Gerratt, B, Hanson, D, **Berke, G** and Precoda, K (1991). Photoglottography: A Clinical Synopsis. *J Voice* 5:98-105.
43. Smith, MC, Green, DC, **Berke, GS** (1991). Pressure-Flow Relationships During Phonation in the Canine Larynx. *J Voice*, 5:10-17.
44. **Berke, GS**, Green, DC, Smith, MC, Arnstein, DG, Honrubia, V, Natividad, M (1991). Experimental Evidence in the In-Vivo Canine for the Collapsible Tube Model of Phonation. *J Acoust Soc Am* 89(3):1358-1363.
45. Sercarz, JA, **Berke, G**, Arnstein, D, Gerratt, B, Natividad, M (1991). A New Technique for Quantitative Measurement of Laryngeal Videostroboscopic Images. *Arch Otolaryngol Head Neck Surg* 117:871-875.
46. Sercarz, J, **Berke, GS** (1991). Fabrication of Electrode Endotracheal Tube. *Laryngoscope* 101:1024-1025.
47. Canalis, RF, Burstein, FD, Dickman, P, **Berke, GS** (1991). Early Structural Changes in Vascularized Periosteum Studied in Situ. *Am J Otolaryngol* 12:90-95.
48. Green, DC, **Berke, GS**, Graves, MC, Natividad, M (1992). Physiologic Motion after Vocal Cord Reinnervation: A Preliminary Study. *Laryngoscope* 102:14-22.
49. Wang, M, **Berke, GS**, Ward, PH, Calcaterra, T, Watts, D (1992). Early Experience with Percutaneous Tracheostomy. *Laryngoscope* 102:157-162.
50. Kreiman, J, Gerratt, BR, Precoda, K, **Berke, GS** (1992). Individual Differences in Voice Quality Perception. *JSHR* 35:512-520.
51. Smith, ME, **Berke, GS**, Gerratt, BG, Kreiman, J (1992). Laryngeal Paralysis: Theoretical Considerations and Effects on Laryngeal Vibration. *JSHR* 35:545-554.
52. **Berke, GS** (1992). Intraoperative Measurement of the Elastic Modulus of the Vocal Fold: Part 1 Device Development. Triologic Thesis. *Laryngoscope* 102:760-769.
53. Sercarz, J, **Berke, GS**, Ye, M, Gerratt, B, Natividad, M (1992). Videostroboscopy of human vocal fold paralysis. *Ann Otol Rhinol Laryngol* 101:567-577.
54. **Berke, GS**, Smith, ME (1992). Intraoperative Measurement of the Elastic Modulus of the Vocal Fold: Part 2. Preliminary Results. *Laryngoscope* 102:770-778.

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55. Sercarz, JA, **Berke, GS**, Gerratt, BR, Kreiman, J, Ye, M, Natividad, M (1992). Synchronizing Videostroboscopic Images of Human Laryngeal Vibration with Physiologic Signals. *Am J Otolaryngol* 13:40-44.
56. Green, DC, **Berke, GS**, Ward, PW and Gerratt, BR (1992). Point-touch technique of botulinum toxin injection for the treatment of spastic dysphonia: *Ann Otol Rhinol Laryngol* 101(11):883-887, 1992.
57. Sercarz, JA, **Berke, GS**, Ming, Y, Graves, M (1992). Bilateral Thyroarytenoid Deinnervation: A New Treatment for Laryngeal Hyperadduction Disorders Studied in the Canine. *Otolaryngol Head Neck Surg*: 107(5): 657-668.
58. Sercarz, JA, **Berke, GS**, Ming, Y, Natividad, M (1991). Vibratory Characteristics of Induced and Acquired Laryngeal Paralyses. Accepted *Ann Otolaryngol*.
59. Goodnight, JW, Dulguerov, P, **Berke, GS**, Lesavoy, M, Hoffman, LF (1994). Correlation of Compound Action Potential and EMG with Facial Muscle Tension. *Otolaryngol-HNS*. [Page & Vol. # not available yet]
60. Sloan, S, **Berke, GS**, Gerratt, BR, Ye, M (1993). Determination of Vocal Fold Mucosal Wave Velocity in an *In Vivo* Canine Model. *Laryngoscope*. 103:947-953.
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## **PEER REVIEWED RESEARCH SCIENTIFIC PAPERS - IN PRESS**

Accepted for publication: "A Unique Case of Sclerosing Polycystic Adenosis of the Sinonasal Tract." Manuscript Number: YHUPA-D-12-00775R1 Journal Human Pathology 2013.

Accepted for publication: Zaghi S, Berke GS. "Idiopathic Subglottic Stenosis - A Comparison of Tracheal Size" accepted for publication in Annals of Otolaryngology, Rhinology & Laryngology March 2016

## **PEER REVIEWED RESEARCH SCIENTIFIC PAPERS - IN PREPARATION OR SUBMITTED FOR PUBLICATION**

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## **BOOK CHAPTERS**

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