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EDUCATION

Medical: Bachelor of Medicine and Surgery, MBBS. Madras Medical College, India, 1987.

Internship: Government General Hospital, Madras, India, 1987-88.

Senior House Officer: Otolaryngology & Surgery, Government General Hospital, India, 1988-89.

Research Associate: Otolaryngology, Illinois Eye and Ear Infirmary, Chicago, 1989-90.

Resident: General Surgery, Beth Israel Medical Center, New York, 1990-92.

Fellowship: Otolaryngology, Manhattan Eye, Ear and Throat Hospital, New York, 1992-93.

Fellowship: Research & Clinical, Otolaryngology, Rush Univ. Medical Center, Chicago, 1993-96.

Resident: Otolaryngology, Rush University Medical Center, Chicago, 1996-2001.

LICENSURE

State of Illinois, 1994: #036-088143

BOARD CERTIFICATION

American Board of Otolaryngology - Head and Neck Surgery, 2001.

PROFESSIONAL ORGANIZATIONS

American Academy of Otolaryngology- Head and Neck Surgery, 1996.
American College of Surgeons, 2005
American Medical Association
Chicago Medical Society

HOSPITAL APPOINTMENTS

Advocate Illinois Masonic Medical Center, 2001-present.
Rush University Medical Center, 2001-present.
Lincoln Park Hospital, 2001-2009.
Swedish Covenant Hospital, 2009-present.

TEACHING APPOINTMENTS

Assistant Professor of Otolaryngology, Rush University Medical Center, 2002-present.
Instructor of Otolaryngology, Rush University Medical Center, 2001-2002.

HONORS AND AWARDS

Senior Research Fellowship Award: Proposal to study the role of autoimmunity in otosclerosis;
Council for Scientific and Industrial Research, (CSIR), New Delhi, India, 1988.

Research Studentship Scheme Award: Anaerobic organisms in chronic suppurative otitis media;
Indian Council for Medical Research (ICMR), New Delhi, India, 1986.

PUBLICATIONS

1. Friedman M, Sukerkar A, Venkatesan TK: Hyoid Osteomyelitis Following the Hyoid-Muscle Flap Reconstructive Technique for Supraglottic Laryngectomy. Oper. Tech. Otolaryngol. Head Neck Surg. 1:79-80, 1990.
2. Friedman M, Venkatesan TK: The Difficult Tracheostomy Simplified. Oper. Tech. Otolaryngol. Head Neck Surg. 1:71-72, 1990.
3. Friedman M, Venkatesan TK: Supraglottic Laryngectomy - Technique. Oper. Tech. Otolaryngol. Head Neck Surg. 1:47-51, 1990.
4. Friedman M, Venkatesan TK: The Dislodged Tracheostomy Tube - Finger Tip Technique. Oper. Tech. Otolaryngol. Head Neck Surg. 1:47-51, 1990.
5. Friedman M, Schild JA, Venkatesan TK: The Platysma Myocutaneous Flap for Repair of Hypopharyngeal Strictures. Annals of Otol. Rhinol. Laryngol. 99:945-950, 1990.
6. Harvey JC, Bergland R, Pisch J, Venkatesan TK, Reich H, Malamud S, Beattie EJ: Superior Results with Complete Resection of Askin's Tumor. Semin. Surg. Oncol. 9:156-159, 1993.
7. Friedman M, Mafee M, Ray C, Venkatesan TK: Three Dimensional Imaging for Evaluation of Head and Neck Tumors. Arch. Otolaryngol. Head Neck Surg. 119:601-607, 1993.

8. Friedman M, Venkatesan TK: Identification and Preservation of the External Laryngeal Nerve - Technique. *Oper. Tech. Otolaryngol. Head Neck Surg.* 5:126-128, 1994.
9. Friedman M, Venkatesan TK: Thyroidectomy Technique for the Large Thyroid Mass with Substernal Extension. *Oper. Tech. Otolaryngol. Head Neck Surg.* 5:152-156, 1994.
10. Friedman M, Venkatesan TK, Caldarelli DD: The Composite Mucochondral Flap for Repair of Cerebrospinal Fluid Leaks. *Head and Neck* 17:414-418, 1995.
11. Friedman M, Venkatesan TK, Caldarelli DD: Intralesional Vinblastine in the Treatment of Kaposi's Sarcoma of the Oropharynx and Larynx. *Annals of Otol. Rhinol. Laryngol.* 105:272-274, 1996.
12. Friedman M, Venkatesan TK, Caldarelli DD: Endoscopic Sinus Surgery with Middle Turbinate Resection: Effects on Olfaction. *Laryngoscope* 106:977-981, 1996.
13. Mafee M, Venkatesan TK, Ameli N, Camras L, Friedman M: Tumors of the Parotid Gland and Parapharyngeal Space: Role of Computed Tomography and Magnetic Resonance Imaging. *Oper. Tech. Otolaryngol. - Head Neck Surg.* 7:348-357, 1996.
14. Friedman M, Venkatesan TK, Caldarelli DD: Bupivacaine for Postoperative Analgesia Following Endoscopic Sinus Surgery. *Laryngoscope* 106:1382-1385, 1996.
15. Friedman M, Grey P, Venkatesan TK, Bloch I, Chawla P, Caldarelli DD, Coon JS: Prognostic Significance of Bcl-2 Expression in Localized Squamous Cell Carcinoma of the Head and Neck. *Annals Otol. Rhinol. Laryngol.* 106:445-450, 1997.
16. Venkatesan TK, Caldarelli DD, Coon JS: Prognostic Significance of p27 Expression in Carcinoma of the Oral Cavity and Oropharynx. *Laryngoscope* 109:1329-1333, 1999.
17. Cartwright R, Venkatesan TK, Caldarelli DD: Treatments for Snoring: A Comparison of Somnoplasty and an Oral Appliance. *Laryngoscope* 110:1680-1683, 2000.
18. Maddalozzo J, Venkatesan TK, Gupta P: Complications Associated with the Sistrunk Procedure. *Laryngoscope* 111:119-123, 2001.
19. Friedman M, Venkatesan TK, Caldarelli DD, Allegretti J, Pytinia K, Tanyeri H: Early Detection and Treatment of Postoperative Pharyngocutaneous Fistulae. *Otolaryngol. - Head Neck Surg.* 121(4): 378-80, 1999.
20. Maddalozzo J, Venkatesan TK, Hughes CA, Ludemann JP: Recurrent Thyroglossal Duct Cysts: Incomplete Resection of the Body of the Hyoid. *Laryngoscope*.
21. Kuropkat C, Venkatesan TK, Caldarelli DD, Panje W, Hutchinson J, Priesler HD, Coon JS: Abnormalities of Molecular Regulators of Proliferation and Apoptosis in Oral Cancer. *Auris Nasus Larynx* 29(2): 165-74, 2002.
22. Coon JS, Venkatesan TK, Kuropkat C, Caldarelli DD: Prognostic Significance of Cell Cycle

Regulatory Gene Abnormalities in Oral Cancer. Am. J Path. Submitted for publication

23. Friedman M, Venkatesan TK, Caldarelli DD: Electrical Stimulation and Recurrent Laryngeal Nerve Regeneration. Oper. Tech. Otolaryngol. Head Neck Surg. Submitted for publication

TEXTBOOK CHAPTERS

1. Friedman M, Mafee M, Ray C, Venkatesan TK: Three Dimensional Imaging for Evaluation of Head and Neck Tumors. Year Book of Otolaryngology - Head and Neck Surgery, St. Louis, MO. Mosby Year Book, Inc., 1994.
2. Friedman M, Caldarelli DD, Venkatesan, TK: 'Laryngotracheal Reconstruction in Adults: Experience with the SCM Flap', Laryngeal Cancer, Smee R, Bridger GP (Editors), Elsevier Science BV, 732-740, 1994.
3. Friedman M, Venkatesan TK, Caldarelli DD: 'Thyroid Disease - Principles of Management', English: Textbook of Otolaryngology. In Press.
4. Friedman M, Venkatesan TK, Caldarelli DD: 'The Sternocleidomastoid Myoperiosteal Flap for Tracheal and Subglottic Reconstruction', Laryngotracheal Reconstruction, WB Saunders. In Press.
5. Venkatesan TK: 'Hyperthyroidism', Common Surgical Diseases, Millikan K, Saclarides TJ (Editors) 120-130, Springer-Verlag, New York, 1997.
6. Venkatesan TK: 'Hypercalcemia', common Surgical Diseases, Millikan K, Saclarides TJ (Editors) 126-130, Springer-Verlag, New York, 1997.
7. Venkatesan TK: 'Hypercalcemic Crisis', Common Surgical Diseases, Millikan K, Saclarides TJ (Editors) 453-456, Springer-Verlag, New York, 1997.
8. Venkatesan TK, Sadeghi N, Murphy P: 'The Compromised Airway', Surgical Oncology: An Algorithmic Approach, Millikan K, Saclarides TJ (Editors) 618-621, Springer-Verlag, New York, 2003.
9. Friedman M, Lin HS, Venkatesan TK, Gurpinar B: 'Multilevel Surgery for Obstructive Sleep Apnea/ Hypopnea Syndrome', Sleep Apnea and Snoring: Surgical and Non-Surgical Treatment, Friedman M (editor), 111-119, Elsevier 2009.

PRESENTATIONS

1. The Dislodged Tracheostomy Tube - Finger Tip Technique. Presented at Rush Presbyterian St. Luke's Medical Center, Chicago, IL 1989.
2. Nasal Reconstruction. Presented at Beth Israel Medical Center, New York, Department of Surgery, Grand Rounds, 1991.
3. Abdominal Tuberculosis. Presented at Beth Israel Medical Center, New York, Department of Surgery, Grand Rounds, 1992.

4. Nasal Encephalocele. Presented at Beth Israel Medical Center, New York, Department of Surgery, Grand Rounds, 1992.
5. The Composite Mucochondral Flap for Repair of Cerebrospinal Fluid Leaks. Presented at Current Trends, Controversies and Perspectives in Rhinology and Sinus Surgery - An International Symposium, New York, April 1994; presented at Rush Presbyterian St. Luke's Medical Center, Department of Otolaryngology, Research Conference, 1994.
6. Percutaneous Tracheostomy: Applications and Limitations. Presented at the Second International Symposium on Laryngeal and Tracheal Reconstruction, Monte Carlo, May 1996; presented at the Middle Section Meeting of the Triologic Society, Omaha, Nebraska, January 1995.
7. Intralesional Vinblastine in the Treatment of Kaposi's Sarcoma of the Oropharynx and Larynx. Presented at the American Broncho-Esophagological Association Meeting, Palm Desert, California, April 1995.
8. Endoscopic Sinus Surgery with Middle Turbinate Resection: Effects on Olfaction. Presented at the Triologic Society Meeting, May 1995.
9. Bupivacaine for Analgesia Following Endoscopic Sinus Surgery. Presented at the Middle Section Meeting of the Triologic Society, Dearborn, Michigan, January 1996.
10. Safety and Tolerability of the Implantable Recurrent Laryngeal Nerve Stimulator. Presented at the Second International Symposium on Laryngeal and Tracheal Reconstruction, Monte Carlo, May 1996.
11. Laryngeal Injuries Secondary to Nasogastric Tubes. Presented at the Second International Symposium on Laryngeal and Tracheal Reconstruction, Monte Carlo, May 1996.
12. The Sternocleidomastoid Myocutaneous Flap for Laryngeal and Subglottic Reconstruction. Presented at the Second International Symposium on Laryngeal and Tracheal Reconstruction, Monte Carlo, May 1996.
13. Electrical Stimulation and Recurrent Laryngeal Nerve Regeneration. Presented at the Second International Symposium on Laryngeal and Tracheal Reconstruction, Monte Carlo, May 1996; presented at Rush Presbyterian St. Luke's Medical Center, Chicago, IL, Department of Otolaryngology Research Conference, 1994, presented at the Fourth International Conference on Head and Neck Cancer, Toronto, Canada, July 1996.
14. Bcl-2 Oncogene Expression in T1 Squamous Cell Carcinoma of the Head and Neck. Presented at the American Laryngological Association Meeting, Orlando, FL May 1996.
15. Prognostic Significance of p27 Expression in Carcinoma of the Oral Cavity and Oropharynx. Presented at the First World Congress on Head and Neck Oncology, Madrid, Spain, December 1998.
16. Deep Neck Spaces: Anatomic Basis for Differential Diagnoses. Presented at Radiologic

Society of North America, Chicago, 2009.

17. An Approach to Laryngeal Pathology: Correlations of Radiologic and Endoscopic Imaging. Presented at Radiologic Society of North America, Chicago, 2009.

POSTGRADUATE COURSES:

1. Basic Soft Tissue Technique and Repair Course: Manhattan Eye, Ear and Throat Hospital, New York, New York, April, 1993.
2. Current Trends, Controversies and Perspectives in Rhinology and Sinus Surgery: New York University Post Graduate Medical School, April, 1994.
3. Techniques in Head and Neck Surgery - Otolaryngology: The Course, Rush Presbyterian St. Luke's Medical Center, Chicago, IL, June, 1994.
4. Endoscopic Sinus Surgery Course, The University of Michigan Medical School, Ann Arbor, MI, August, 1994.
5. Techniques in Head and Neck Surgery - Otolaryngology: The Course, Rush Presbyterian St. Luke's Medical Center, Chicago, IL, June, 1995.
6. Carbon Dioxide Laser Skin Resurfacing Course: Northwest Surgicare, Arlington Heights, IL, February, 1996..
7. Techniques in Head and Neck Surgery - Otolaryngology: The Course, Rush Presbyterian St. Luke's Medical Center, Chicago, IL, June, 1996.
8. The UC Otolaryngology Update: University of California, San Francisco, CA November, 1996.
9. Techniques in Head and Neck Surgery - Otolaryngology: The Course, Rush Presbyterian St. Luke's Medical Center, Chicago, IL, June, 1997.
10. Laser Surgery of the Upper Aerodigestive Tract Workshop: Vanderbilt University Medical Center, November, 1997.
11. Techniques in Head and Neck Surgery - Otolaryngology: The Course, Rush Presbyterian St. Luke's Medical Center, Chicago, IL, June, 1998.
12. Advanced Endoscopic Sinus Surgery Course: Georgia Rhinology Center at Memorial Medical Center, Savannah, GA October, 1998.
13. First World Congress on Head and Neck Oncology, Madrid, Spain, December, 1998.
14. Techniques in Head and Neck Surgery - Otolaryngology: The Course, Rush Presbyterian St. Luke's Medical Center, Chicago, IL, June, 1999.

15. Temporal Bone Surgical Dissection Course: House Ear Institute, Los Angeles, CA, March, 2000.
16. Techniques in Head and Neck Surgery - Otolaryngology: The Course, Rush Presbyterian St. Luke's Medical Center, Chicago, IL, June, 2000.
17. Summer Update in Otolaryngology, Beaver Creek, CO, July, 2000.
18. Osler Review Course in Otolaryngology, Chicago, IL April, 2001.
19. Techniques in Head and Neck Surgery - Otolaryngology: The Course, Rush Presbyterian St. Luke's Medical Center, Chicago, IL, June, 2001.
20. Co-Director: Techniques in Head and Neck Surgery - Otolaryngology: The Course, Rush Presbyterian St. Luke's Medical Center, Chicago, IL, June, 2002.
21. Co-Director: Techniques in Head and Neck Surgery - Otolaryngology: The Course, Rush Presbyterian St. Luke's Medical Center, Chicago, IL, June, 2003.
22. Co-Director: Techniques in Head and Neck Surgery - Otolaryngology: The Course, Rush Presbyterian St. Luke's Medical Center, Chicago, IL, June, 2004.
23. Co-Director: Techniques in Head and Neck Surgery - Otolaryngology: The Course, Rush Presbyterian St. Luke's Medical Center, Chicago, IL, June, 2005.
24. Co-Director: Techniques in Head and Neck Surgery - Otolaryngology: The Course, Rush Presbyterian St. Luke's Medical Center, Chicago, IL, June, 2006.

RESEARCH:

1. The efficacy of tonsillectomy with closure of tonsillar pillars for the treatment of pediatric obstructive sleep apnea/hypopnea syndrome.
2. Laryngopharyngeal reflux treatment with a proton pump inhibitor: effect on reduction of lingual tonsil hypertrophy and improvement of OSAHS.

MEDICAL ILLUSTRATIONS:

Published artwork in several leading Otolaryngology journals and textbooks.

REFERENCES:

Available on request.