

CURRICULUM VITAE

VIJAY K. ANAND M.D., F.A.C.S.

Date of preparation: October, 2010

A. GENERAL INFORMATION

Office Address: 772 Park Avenue
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Email: Vijayanandmd@aol.com
Website: www.sinusitis-solutions.com
www.endoscopicskullbasesurgery.com

Citizenship: American

Degree	Institution name, City and State	Dates Attended
High School	Besant Theosophical High School Madras, India	1955-1967
PUC	The New College University of Madras Madras, India	1967-1968
MBBS MD	Madras Medical College University of Madras Madras, India	1968-1973

B.PROFESSIONAL POSITIONS AND EMPLOYMENT

Post-doctoral training including residency/fellowship

Title	Institution name, City and State	Dates
Rotating Internship	Government General Hospital University of Madras Madras, India	Jan 1973 - Jan 1974
Senior House Officer	Cardiothoracic Surgery Government General Hospital University of Madras Madras, India	Jan 1974 - June 1975
General Surgery Resident (PGY-2)	Jewish Memorial Hospital New York, New York	Jan 1976 - June 1977
General Surgery Resident (PGY-3)	Misericordia-Lincoln Hospital New York Medical College Bronx, New York	July 1977- June 1978
Otolaryngology Resident (PGY-4)	Misericordia-Lincoln Hospital New York Medical College Bronx, New York	July 1978 - June 1979
Otolaryngology Resident (PGY-5 thru PGY-7)	Manhattan Eye, Ear & Throat Hospital New York, New York	July 1979 - June 1981
Chief Resident in Otolaryngology (PGY- 8)	Manhattan Eye, Ear & Throat Hospital New York, New York	July 1981 - June 1982
Fellowship in Head and Neck Surgery, Microvascular and Facial Plastic Surgery (PGY.9)	Mercy Hospital Pittsburgh, Pennsylvania	July 1982 - June 1983
Preceptorship: Sebastian Arena, M.D.		

Academic positions (teaching and research)

Title	Institution name, City and State	Dates
Clinical Professor of Otolaryngology	Department of Otorhinolaryngology Weill Cornell Medical College New York, New York	2001- Present
Clinical Associate Professor of Otolaryngology	Weill Cornell Medical College, New York, New York	1995 -2001
Clinical Assistant Professor of Otorhinolaryngology	Department of Otorhinolaryngology Joan & Sanford Weill Medical College of Cornell University New York, New York	1986-1995
Resident Instructor Otolaryngology	Department of Otorhinolaryngology Joan & Sanford Weill Medical College of Cornell University New York, New York	1983- 1984
Resident Instructor Otolaryngology	Division of Head and Neck Surgery St. Vincents Hospital New York, New York	1983-1984
	Department of Otolaryngology and Head and Neck Surgery Manhattan Eye Ear and Throat Hospital New York, New York	
Director of Postgraduate training in Rhinology	Department of Otorhinolaryngology Weill Cornell Medical College New York, New York	2000-Present
Co-Director	Center for Minimally Invasive Skullbase and Pituitary Surgery, WCMC, New York, New York	2004 - Present

Hospital positions

Title	Institution name, City and State	Dates
Clinical Instructor	Department of Otolaryngology-HNS Manhattan Eye, Ear & Throat Hospital New York, New York	1983 - 1986

Clinical Assistant Attending	Department of Otolaryngology-HNS Manhattan Eye, Ear & Throat Hospital Department of Otolaryngology-HNS Manhattan Eye, Ear & Throat Hospital New York, New York	1987 - 1989
Surgeon Director	Department of Otolaryngology-HNS Manhattan Eye, Ear & Throat Hospital Department of Otolaryngology-HNS Manhattan Eye, Ear & Throat Hospital New York, New York	1989 - 1998
Attending Surgeon	Division of Head and Neck Surgery Department of Surgery St. Vincent's Hospital & Medical Center New York, New York	1984 - Present
Assistant Attending Otolaryngologist	Department of Otolaryngology-HNS Lenox Hill Hospital New York, New York	1993 - Present
Clinical Assistant Attending	Department of Otorhinolaryngology The New York Hospital Cornell University Medical Center New York, New York	1986 - 1995
Clinical Associate Attending	Department of Otorhinolaryngology New York Presbyterian / Weill Cornell Medical Center New York, New York	1995 - 2001
Clinical Attending	Department of Otorhinolaryngology New York Presbyterian Hospital / Weill Cornell Medical Center New York, New York	2001- Present

C. LICENSURE, BOARD CERTIFICATION, MALPRACTICE

Licensure

State	Number	Date of Issue	Date of last registration
New York	145350	1982	2009
DEA number:		AA9799050	

Board Certification

Name of specialty	Board Certificate #	Date of Certification
Otolaryngology	-----	April 1983

D. PROFESSIONAL MEMBERSHIPS (Medical and Scientific Societies)

Member/Officer	Name of Organization	Dates held
Member	<u>American Rhinologic Society</u>	1991-1993
Vice-President	Board of Directors	1993-1994
President Elect	Entire Society	1994-1995
President		1995-1996
Immediate Past President		1996-1997
Past President		1997-1998
	<u>American Society for Head and Neck Surgery</u>	
Member	Education Committee: Organizing Teaching Standards for Head and Neck Surgery in ENT Residency Programs in North America	1997-1999
Secretary/President		1991 -1997
President	<u>New York Bronchoscopic Society</u>	1997 -1999
President	<u>New York Laryngological Society</u>	2006
Member	<u>New York Laryngological Society</u>	1992-Present
Member	<u>New York Head and Neck Society</u>	1990-Present
Program Chairman	Education Committee Scientific Meetings	1993-1995
Member	New York Physicians Scientific Society	1996-Present
Member	New York Physicians Golf Association	1996-Present
President	New York Physicians Golf Association	2009
Member	Medical Strollers Golf Association	2005-Present
Chairman	<u>Manhattan Eye, Ear & Throat Hospital</u>	1989-1999
Chairman	Laser Safety Committee CME Committee	1987-1999
	<u>National Society Memberships</u>	
Fellow	American Academy of Facial Plastics and Reconstructive Surgery	1982-1996
Fellow	American Academy of Otolaryngology-HNS	1983-Present
Fellow	American Rhinological Society	1985-Present
Fellow	American Laryngologic, Rhinologic and Otologic Association: Triological Society	1989-Present

Fellow	American Society for Head and Neck Surgery	1987-Present
Fellow	American Broncho-Esophagological Association	1987-Present
Fellow	American Society for Laser Medicine and Surgery	1986-1989
Member	New York Head and Neck Society	1985-Present
Member	Medical Society of the State of New York	1984-Present
Member	Milleneum Society	2002-2004
	American Academy of Otolaryngology and Neck Surgery	Head &

E. HONORS AND AWARDS

Name of Award	Date Awarded
Gold Medal Winner in Surgical Anatomy, Clinical Medicine, General Surgery, Radiology and Pediatrics Madras Medical College Madras, India	1974
Award of Merit American Academy of Otolaryngology-HNS	1996
Honor Award American Academy of Otolaryngology and Head and Neck Surgery Washington, D.C.	1996
Gold Head Mirror Award Outstanding Teacher Award in Rhinology American Rhinologic Society	1997

F. INSTITUTIONAL/HOSPITAL AFFILIATION

Primary Hospital Affiliation:	New York Presbyterian Hospital / Weill Cornell Center New York, New York
Other Hospital Affiliations:	Lenox Hill Hospital New York, New York
	St. Vincent Hospital New York, New York

G. ENDOWMENT GRANTS AND FUND RAISING

Hugoton Foundation: Grant for Rhinology Research New York, New York	\$150,000.00 Annually 2003 - Present
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**H. MENTORSHIP: DIRECTOR OF ADVANCED RHINOLOGY
RESEARCH**

New York Presbyterian Hospital/ Weill Cornell Medical Center

<u>Physician</u>	<u>Date</u>
Clark Huang M.D. Clinical Assistant Professor Department of Otorhinolaryngology Weill Cornell Medical College New York, New York	2003
Ashutosh Kacker M.D. Associate Professor Department of Otorhinolaryngology Weill Cornell Medical College New York, New York	2004
Casey Manarey M.D. Clinical Assistant Professor University of British Columbia Vancouver, Canada	2005
Abtin Tabaee M.D. Director of Rhinology Department of Otolaryngology Beth Israel Medical Center Albert Einstein Medical College New York, New York	2006
Seth Brown M.D.MBA Clinical Assistant Professor Department of Otorhinolaryngology Hartford, University of Connecticut,	2007
Ameet Singh M.D. Clinical Assistant Professor Department of Otorhinolaryngology Assistant Professor of Surgery Rhinology and Skullbase Surgery George Washington University Washington D.C.	2008
Gurston Nyquist M.D. Clinical Assistant Professor	2009

Department of Otorhinolaryngology
Long Island Jewish Medical Center
Albert Einstein Medical College
New Hyde Park, New York

Madeleine Schaberg MD MPH 2010
Clinical Assistant Professor
Department of Otolaryngology
Thomas Jefferson Medical College
Philadelphia, Pennsylvania

Edward McCoul MD MPH
Clinical Instructor
Department of Otorhinolaryngology
Weill Cornell Medical College
New York NY.

I. EMPLOYMENT STATUS

Name of Employer(s): SELF

J. SOCIAL CLUB MEMBERSHIP

Member/Officer	Name of Organization	Dates held
Member	University Club	1994 - Present
Member	Ardley Golf and Country Club	1990 - Present

K. SPONSORED RESEARCH AWARD

Center for Aging Research and Clinical Care for the Project "Use of Olfactory
Mucosal Biopsy for Diagnosis of Alzheimer's Disease- a pilot study"
7/1/02 – 6/30/04 for \$20,000.00
(PI) 2002-2004

L. EXTRAMURAL PROFESSIONAL RESPONSIBILITIES

M. PEER REVIEWER OF ACADEMIC JOURNALS

Laryngoscope	1990 - Present
American Journal of Rhinology	1990 - Present
Otolaryngology and Head & neck Surgery	1990 - Present
Operative Techniques	1990- Present

N. CURRENT AND PAST INSTITUTIONAL RESPONSIBILITIES

Teaching Courses.

1. American College of Surgeons, Endoscopic Approaches to Sphenoid Sinus and Cavernous Sinus Chicago, Illinois 1994
2. Manhattan Eye, Ear & Throat Hospital. Anand, V.K. and Robbett, W.F. - Voice Restoration Seminar, 1985
New York, New York
3. Manhattan Eye, Ear & Throat Hospital
Anand, V.K and Robett, W.F. - **Laser Surgery in Head and Neck Surgery: Hands on Instructional Course**
New York, New York
Course 1: March 29-30, 1985
Course 2: April 18-19, 1985
Course 3: November 14-15, 1986
Course 4: May 20-21, 1987
Course 5: October 16-17, 1987
Course 6: April 26, 1991
Course 7: May 1, 1992
Course 8: October 2, 1992
4. Manhattan Eye, Ear & Throat Hospital
Endoscopic Sinus Surgery Instructional Course
Course Director
New York, New York
Course 1: October 10-11, 1986
Course 2: May 3-4, 1987
Course 3: October 28-29, 1987
Course 4: June 24-24, 1988
Course 5: October 30-31, 1988
Course 6: May 9-10, 1989
Course 7: October 13-14, 1989
Course 8: May 19-20, 1990
Course 10: October 12-13, 1990
Course 11: May 17-18, 1991
Course 12: November 6-7, 1991
Course 13: May 15-16, 1992
Course 14: November 6-7, 1992
Course 15: May 13-15, 1993
Course 16: October 28-30, 1993
Course 17: May 12-13, 1994
Course 18: October 22-23, 1994
Course 19: May 12-13, 1995
Course 20: October 20-21, 1995
Course 21: March 22-23, 1996*
Course 22: November 22-23, 1996**
Course 23: April 18-19, 1997**
Course 24: April 24-25, 1998**

Clinical Care	Dates
Private Practice	1983 - Present
Administrative duties (including committees)	Dates
Director Post-Graduate Fellowship in Rhinology and Sinus Surgery, New York Presbyterian Hospital /Weill Cornell Medical Center New York, New York	1998 - Present
Co Director Institute for Minimally Invasive Pituitary and Skullbase Surgery, Weill Medical College, Cornell University, New York, New York	2004 - Present
Director Rhinology Lab Joan & Sanford Weill Medical College of Cornell University New York, New York	1998 - Present
Residency Coordinator Division of Head and Neck Surgery Department of Surgery St. Vincent's Hospital Medical Center New York, New York	1983 -1984
Residency Coordinator Department of Otolaryngology-HNS Manhattan Eye, Ear & Throat Hospital New York, New York	1983 -1984
Chief, Head and Neck Surgery Chief, Voice Restoration Service Manhattan Eye, Ear & Throat Hospital New York, New York	1989 - 1999
Surgeon Director Board of Surgeon Directors Manhattan Eye, Ear & Throat Hospital New York, New York	1989 - 1998
Co-Chairman and Executive Committee Member Rhinosinusitis Guidelines Task Force (Task Force on Creation of National Guidelines for Treatment of Sinus Disease) American Academy of Otolaryngology and Head Neck Surgery	1996 -1998

<p>Executive Committee Member Agency for Health Care Policy and Research Committee (Task Force on Practice Standards in Sinusitis) American Academy of Otolaryngology and Head Neck Surgery</p>	1997-1998
<p>Member Paranasal Sinus Committee (American Academy of Head and Neck Surgery, Committee on Review of State of the Art in Treatment of Sinusitis). American Academy of Otolaryngology and Head Neck Surgery.</p>	1995 – 1998
<p>Program Chairman Paranasal Sinus Committee Meeting, Annual Meeting of AAO-HNS San Antonio, Texas; American Academy of Otolaryngology and Head Neck Surgery</p>	September 1998
<p>Member Member of Paranasal Committee of American Academy of Otolaryngology and Head Neck Surgery</p>	1999 - Present
<p>Member Resident Selection Committee Department of Otolaryngology Manhattan Eye Ear and Throat Hospital, New York, New York</p>	1984 -1997
<p>Member Resident Selection Committee Department of Otolaryngology Weill Medical College of Cornell University, New York, New York</p>	1999 - Present
<p>Member Voluntary Council of Physicians New York Presbyterian Hospital /Weill Cornell Medical Center New York, New York</p>	2000 - Present
<p>Research <u>Manhattan Eye, Ear & Throat Hospital (IRB Protocol)</u></p>	Dates
<p>Nd: YAG Laser contact probe applications in Head and Neck Surgery: A prospective clinical study (IDF National Investigator 1994)</p>	1994 - 1995

Instatrak ® Electromagnetic Image Guided Surgery: Verification Study. Alpha Site. Sun System Spark Station 1996 - 1997

Molecular Genetics in Allergic Fungal Sinusitis: Study in collaboration with Genetics Lab in John Hopkins University Baltimore, Maryland 1996 - 1997

Weill Medical College of Cornell University–The New York Presbyterian Hospital

Clinical Research: IRB protocol

The Value of Mitomycin-C in Preventing Synechia and Stenosis in Endoscopic Sinus Surgery 1999 - 2000

Nasal Surgery in Patients with Chronic Nasal Obstruction: Effects on Nasal Airflow and Voice 2002 - 2003

Feasibility of Endoscopic Olfactory Mucosal Biopsy for Immunohistochemical Staining at Autopsy - a pilot study; 2002-2003 (Protocol # 10102-082) Ongoing

A Randomized Trial Of Hypertonic Nasal Irrigation, Normotonic Dead Sea Salt Nasal Irrigation, Hypertonic Dead Sea Salt Nasal Irrigation and Normal Saline Nasal Irrigation in Patients With Sinusitis 2002-2003 (Protocol # 1001-943) Completed

Value of Contact Nasal Endoscopy in Diagnosis and Treatment of Nasal and Para-Nasal Sinus Pathology- a pilot study 2002-2003 (Protocol # 1001-942) Completed

Role of Floseal as a Middle Meatal Spacer and its Role in Mucosal Healing After Endoscopic Sinus Surgery 2002-2003 (Protocol # 0202-116) Completed

Gene Expression Micro Array Analysis in Patients with Chronic Refractory Sinusitis- a pilot study 2002-2003 (Protocol # 1202-626) Ongoing

Effect of Prematurity on Nasal Ciliary Beat 2002-2003 Completed

Role of Real time Image guidance in Endoscopic Sinus and Skull Base Surgery (IRB Waived) Completed

Retrospective studies

Role of Amphotericin-B in the Management of Chronic Refractory Sinusitis

Efficacy of Image Guided Surgery in Complicated Endoscopic Sinus Surgery 2002 - 2003

Incidence of Positive Fungal Cultures in Chronic Refractory Sinusitis 2002 - 2003

Clinical Development of Terbinafine (SFO327) tablets in Allergic Fungal Sinusitis (CSFO327KUS13) Multicenter prospective clinical trial, Novartis Pharmaceuticals Corporation, East Hanover, New Jersey. 2002-2004 (IRB: QUORUM Protocol approved) 2002 - 2003

2002 - 2004

Endoscopic Skull Base surgery: Review.

2006 - Present

Office based Digital Video Endoscopy in the diagnosis of Chronic Sinusitis 2009 to Present

O. BIBLIOGRAPHY

Peer Reviewed Articles

1. Levenson, M.J., Ingerman, M., Grimes, C., **Anand, V.K.**: Melkersson-Rosenthal Syndrome, Archives of Otolaryngology, Vol. 110, pp. 540-542 August 1982
2. **Anand, V.K.**, Conley, J.J.: Sublabial Surgical Approach to the Nasal Cavity and Paranasal Sinuses Laryngoscope, Vol. 93, No. 1, pp. 1483-1484, November 1983
3. **Anand, V.**, Herbert, J., Robbett, W.F., Zelman, W.: Safe Anesthesia for Endoscopic Laryngeal Laser Surgery: Lasers in Surgery and Medicine Vol. 7, pp.275-277, 1987
4. Smouha, E., **Anand, V.K.**, Levenson, M.J., Deck, M.D.F., Parisier, S.C.: Deep Neck Abscess of Otogenic Origin: Bezold's Abscess Revisited: New Dimensions in Otorhinolaryngology-Head and Neck Surgery, Vol. 2, pp. 258-259, 1985 (Excerpts Medica, 1985)
5. **Anand, V.K.**, Lee, E.K.: Voice Restoration (Chapter 15) pp. 185-190; Ambulatory Surgery and Office Procedures in Head and Neck Surgery 1986 (Grune and Stratton, Inc.)

6. Lee, K.J., **Anand, V.K.**: Carotid Body Tumor, Hemangioma, Lymphangioma, Melanoma, Cysts and Tumors of the Jaw; Chapter 22, pp. 515-530 Essential Otolaryngology-Head and Neck Surgery, Fourth Edition, 1987
7. **Anand, V.K.**: Management of Sinus Carcinoma; Chapter, Textbook of Otolaryngology by K.J. Lee, MD, 1990
8. **Anand, V.K.**, Galantich, P.: Advantages of Endoscopic Laser Arytenoidectomy Using YAG Laser Scalpel; Journal of Voice, Philadelphia, 1990
9. **Anand, V.K.**, Murali, R.K., Glasgold, M.J.; Surgical Decisions in the Management of Cerebrospinal Fluid Rhinorrhea, Rhinology, 33:212-218, 1995
10. Advanced Functional Endoscopic Sinus Surgery; Guest Editor, Operative Techniques, W.B. Saunders, September 1996
11. Yellin, S., LaBruna, A., **Anand, V.K.**: Nd: YAG Laser Treatment for Laryngeal and Hypopharyngeal Hemangiomas: A New Technique; Annals for Otolaryngology, Rhinology and Laryngology, July 1996
12. Weinberger, D., **Anand, V.K.**: Surgical Anatomy and Variations of the Onodi Cell; American Journal of Rhinology, July 1996
13. Liberatore, L., **Anand, V.K.**: Orbital Decompression for Graves Orbitopathy Using a Combined Endoscopic and Caldwell-Luc Approach: Advanced Sinus Technique; Operative Techniques in Otolaryngology-Head and Neck Surgery, Vol. 7, Num.3, pp. 252-256, 1996
14. **Anand, V.K.**, Liberatore, L.: Endoscopic Cerebrospinal Fluid Repair: Advanced Sinus Techniques; Operative Techniques in Otolaryngology-Head and Neck Surgery, Vol. 7, Num. 3, pp. 269-274, 1996
15. **Anand, V.K.**, Osguthorpe, J.D., Rice, D.: Surgical Management of Adult Rhinosinusitis: Report of The Rhinosinusitis Task Force Committee Meeting Otolaryngology-Head and Neck Surgery, Vol. 117, Num. 3, Part 2, pp. S50-S52, 1997
16. **Anand, V.K.**: Contributor: Sinusitis; Bench to Bedside; Otolaryngology-Head and Neck Surgery, Vol. 116, Num. 6 Part 2, pp. S1-S19, 1997
17. **Anand, V.K.**, Kacker, A.: Value of Radiologic Imaging and Computer Assisted Surgery in Surgical Decisions of the Anterior Skull Base Lesions; Rhinology 38,17-22, 2000

18. Kacker A., Huang C., **Anand V.K.**; Incidence of Chronic Hyperostotic Rhinosinusitis in Patients Undergoing Primary Sinus Surgery Compared to Revision Surgery; *Rhinology* 2002: 40:80-82
19. Smith J.C., Kacker A., **Anand V.K.** Cocaine and the Nose: Midline Nasal and Hard Palate Destruction in Cocaine Abusers and the Role of Cocaine in Rhinological Practice; *ENT Journal* 2002:81:172-177
20. Zadeh M.H., Banthia V., **Anand V.K.**, Huang C.; Significance of Eosinophilia in Chronic Rhinosinusitis; *American Journal of Rhinology*; 2002:16(6):313-7
21. Lam S.M., Huang C., Newman J., **Anand V.K.**, Computer-aided Image-guided Endoscopic Sinus Surgery in Unusual Cases of Sphenoid Disease; *Rhinology*. 2002: 40(4):179-84
22. Newman J., **Anand V.K.**, Applications of the Diode Laser in Otolaryngology; *Ear, Nose, & Throat Journal*. 2002:81(12):850-1, Lam S.M., Huang C., Newman J., Anand V.K., Computer-aided Image-guided Endoscopic Sinus Surgery in Unusual Cases of Sphenoid Disease; *Rhinology*: 2002 Dec;40(4):179-84
23. Zadeh M.H., Banthia V., **Anand V.K.**, Huang C.; Significance of Eosinophilia in Chronic Rhinosinusitis; *Am J. Rhinol*; 2002 Nov-Dec;16(6):313-7
24. Tabae A., Kacker A., Kassenoff T.L., **Anand V.**; Outcome of Computer-assisted Sinus Surgery: A 5-year study; *Am J. Rhinol*; 2003 Sep-Oct;17(5):291-7
25. **Anand V.K.**, Levine H., Friedman M., Krespi Y., Panje W.R., Schettino R., Stankiewicz J., Kacker A., Tichenor W., Horn C.: Intravenous Antibiotics For Refractory Rhinosinusitis in Nonsurgical Patients: Preliminary Findings of a Prospective Study: *American Journal of Rhinology*, Nov-Dec, 2003
26. Tabae A., Kacker A., Kassenoff T.L., **Anand V.**; Outcome of computer-assisted sinus surgery: A 5-year study; *Am J. Rhinol*. 2003 Sep-Oct;17(5):291-7
27. Tabae A., Kacker A., Kassenoff T., **Anand V.**; Outcome of Computer Assisted Sinus Surgery – A five year study; *American Journal of Rhinology* 2003; 17:291-297
28. **Anand V.K.**, Tabae A., Kacker A., Newman J.G., Huang C.; The role of Mitomycin C in Preventing Synechia and Stenosis After Endoscopic Sinus Surgery; *Am J. Rhinol*; 2004 Sep- Oct;18(5):311-4

29. Manarey C.K., **Anand V.K.**: Office Based Digital Photography in Rhinology; March, Laryngoscope 2004
30. Manarey C.K., **Anand V.K.**: The Incidence of Methicillin-Resistant Staphylococcus Aureus Causing Chronic Rhinosinusitis, April, Laryngoscope 2004
31. **Anand V.K.**, Epidemiology and Economic Impact of Rhinosinusitis of Sinusitis, Annals of Otolaryngology, Rhinology and Laryngology, Supplement on Role of Fungus in Chronic Rhinosinusitis: Proceedings of a consensus meeting; May 2004
32. **Anand V.K.**, Tabae A., Kacker A., Newman J.G., Huang C.; The role of Mitomycin C in Preventing Synechia and Stenosis After Endoscopic Sinus Surgery. Am J. Rhinol; 2004 Sep-Oct;18(5):311-4
33. Jen A., Kacker A., Huang C., **Anand V.**; Fluconazole Nasal Spray in the Treatment of Allergic Fungal Sinusitis: A pilot study; Ear, Nose Throat J. 2004 Oct;83(10):692, 694-5
34. Jerry W. Lin, Ashutosh Kacker, **Vijay K. Anand**, Howard Levine, AJR 2004 Catheter- and Antibiotic-related Complications of Ambulatory Intravenous Antibiotic Therapy for Chronic Refractory Rhinosinusitis; AJR 2004
35. **Anand V.K.**, Hiltzik D.H., Kacker A., Honrado C. Osteoplastic Flap for Frontal Sinus Obliteration in the Era of Image-guided Endoscopic Sinus Surgery; Am J. Rhinol; 2005 Jul-Aug;19(4):406-10
36. Tabae A., Kassenoff T.L., Kacker A., **Anand V.K.**; The Efficacy of Computer Assisted Surgery in the Endoscopic Management of Cerebrospinal Fluid Rhinorrhea. Otolaryngol Head Neck Surg. 2005 Dec; 133(6):936-43
37. Kacker A., Tabae A., **Anand V.**, Computer-assisted Surgical Navigation in Revision Endoscopic Sinus Surgery; Otolaryngol Clin North Am. 2005 Jun;38(3):473-82
38. Fraser JF, Mass AY, Brown S, **Anand VK**, Schwartz TH. Transnasal endoscopic resection of cavernous sinus hemangioma. Technical note and review of the literature. Skull Base 5;18:309-315, 2008
39. Tabae A., **Anand V.K.**, Yoon C.; Outpatient Intravenous Antibiotics for Methicillin Resistant Staphylococcus Aureus Sinusitis; American Journal of Rhinology 2007
40. Leng L, **Anand VK**, Hartl R, Schwartz TH. Endonasal endoscopic resection of

an os odontoideum to decompress the cervicomedullary junction - A minimal access surgical technique. *Spine* 34;4:E139-43, 2009

41. Tabae A., Kassenoff T., Kacker A., **Anand V.**; The Role of Computer Assisted Surgery in Endoscopic Management of Sino-nasal Cerebrospinal Fluid Rhinorrhea; *Otolaryngology Head and Neck Surgery* 2005; 133:936-943
42. **Anand V.**, Tabae A., Kacker A., Newman J.G., Huang C.; The Role of Mitomycin- C in Preventing Synechia and Stenosis After Endoscopic Sinus Surgery; *American Journal of Rhinology*; 2004;18:311-314
43. **Anand V.**, Ashutosh Kacker; Efficacy of Ambulatory Peri-Operative Intravenous Antibiotics for Chronic Refractory Sinusitis- a pilot study, *Asian ENT Journal* 2003;1:4:9-11
44. Robert Glasgold, Ashutosh Kacker, Vishal Banthia, **Vijay Anand**, Treatment of Refractory Chronic Rhinosinusitis With Amphotericin-B Nasal Irrigations; *Asian ENT Journal* 2004
45. Revision Endoscopic Sinus Surgery; Ashutosh Kacker, **Vijay Anand**, Abtin Tabae; *Otolaryngology Clinics of North America* 2005
46. Kacker A., Tabae A., **Anand V.**; Computer-assisted Surgical Navigation in Revision endoscopic sinus surgery; *Otolaryngology Clinics of North America*; 2005;38:473-482
47. Tabae A., **Anand V.**, Image guided Endoscopic Sinus Surgery; *Rhinology – Clinics and Surgery*; Digital Book: <http://vivali.com.br/livros/aborl.2005>
48. **Anand V.K.**, Schwartz T.H., Hiltzik D.H., Kacker A.; Endoscopic Transphenoidal Pituitary Surgery with Real-time Intraoperative Magnetic Resonance Imaging; *Am J Rhinol*; 2006 Jul-Aug;20(4):401-5
49. Tabae A., Johnson P.E., **Anand V.K.**; Office Based Digital Video Endoscopy in Otolaryngology; *Laryngoscope*; 2006; 116:1523-1525
50. T Schwartz, P.E. Steig and **V.K. Anand**: Endoscopic Transsphenoidal Pituitary Surgery with Intraoperative Magnetic Resonance Imaging; *Operative Neurosurgery* 58; February 2006
51. Huang C., Manarey C.R., **Anand V.K.**; Endoscopic Placement of Spreader Grafts in the Nasal Valve; *Otolaryngol Head Neck Surg*; 2006 Jun;134(6):1001-5
52. Manarey C.R., **Anand V.K.**; Radiation Dosimetry of the FluoroCAT Scan for Real-time Endoscopic Sinus Surgery; *Otolaryngol Head Neck Surg* Sep;135(3):409-12

53. **Anand V.K.**, Kacker A., Orjuela A.F., Huang C., Manarey C., Xiang J.; Inflammatory Pathway Gene Expression in Chronic Rhinosinusitis; *Am J Rhinol*; 2006 Jul-Aug;20(4):471-6
54. **Tabaee A.**, **Anand V.K.**, Yoon C.; Outpatient Intravenous Antibiotics for Methicillin Resistant *Staphylococcus aureus* Sinusitis; *American Journal of Rhinology*; 2007; 21:154-158
55. Tabaee A., Brown S.M., **Anand V.K.**; Mitomycin C and Endoscopic Sinus surgery: Where are we? *Current Opinion in Otolaryngology & Head and Neck Surgery*; 2007;15:40-43
56. Tabaee A., Placantonakis D.G., Schwartz T.H., **Anand V.K.**; Intrathecal Fluorescein in Endoscopic Skull Base Surgery; *Otolaryngology Head and Neck Surgery*; 2007; 137-316-320
57. Placantonakis D.G., Tabaee A., **Anand V.K.**, Hiltzik D., Schwartz T.H.; Safety of Low-dose Intrathecal Fluorescein in Endoscopic Cranial Base Surgery; *Neurosurgery*; *Neurosurgery* 2007; 61(suppl):161-166
58. Brown S.M., **Anand V.K.**, Tabaee A., Schwartz T.H.; Role of Perioperative Antibiotics in Endoscopic Skull Base Surgery. *Laryngoscope*. 2007;117:1528-15
59. Schwartz T.H., Fraser J.F., Brown S., Tabaee A., Kacker A., **Anand V.K.**; Endoscopic Skull Base Surgery: Classification of Operative Approaches. In press: *Neurosurgery* 2007
60. Brown S.M., Tabaee A., Singh A., Schwartz T.H., **Anand V.K.**; Three-dimensional Endoscopic Sinus Surgery: Feasibility and Technical Aspects; *Otolaryngol Head Neck Surg*. 2008 Mar;138(3):400-2
61. I. Laufer, **V.K. Anand** and T.Schwartz. Endoscopic Endonasal Extended Transsphenoidal Transplanum Transtuberculum Approach for Resection of Suprasellar Lesions. *J neurosurgery* 106:400-406,2007
62. J.F. Fraser,**V.K.Anand**,T. Schwartz.Endoscopic Biopsysampling of Tophaceous Gout of the Odontoid Process.*J.Neurosurg spine* 7:61-64,2007
63. Tabaee A., **Anand V.K.**, Brown S.M., Lin J.W., Schwartz T.H.; Algorithm for Reconstruction after Endoscopic Pituitary and Skull Base Surgery; *Laryngoscope* 2007 Jul;117(7):1133-7
64. Fraser J.F., **Anand V.K.**, Schwartz T.H.; Endoscopic Biopsy Sampling of Tophaceous Gout of the Odontoid Process. Case report and review of the literature. *J Neurosurg Spine*. 2007 Jul;7(1):61-4

65. Schwartz T.H., **Anand V.K.**; The Endoscopic Endonasal Transsphenoidal Approach to the Suprasellar Cistern. *Clin Neurosurg.* 2007;54:226-35
66. Tabae A, Fraser JF, **Anand VK**, Brown SM, Singh A, Schwartz TH. Three-dimensional endoscopic pituitary surgery. In press: *Neurosurgery* 2008
67. Tabae A, **Anand VK**, Cappabianca P, Stamm A, Esposito F, Schwartz TH. Endoscopic management of spontaneous meningoencephalocele of the lateral sphenoid sinus. In Press: *Journal of Neurosurgery.* 2008
68. Tabae A, **Anand VK**, Barrón Y, Hiltzik DH, Brown SM, Kacker A, Mazumdar M, Schwartz TH. Endoscopic pituitary surgery: A systemic review and meta-analysis. *Journal of Neurosurgery.* 2008
69. Tabae A, **Anand VK**, Barrón Y, Hiltzik DH, Brown SM, Kacker A, Mazumdar M, Schwartz TH. Predictors of short-term outcomes following endoscopic pituitary surgery. *Clin Neurol Neurosurg.* 2008
70. Greenfield J.P., Leng L.Z., Chaudhry U., Brown S., **Anand V.K.**, Souweidane M.M., Schwartz T.H.; Combined Simultaneous Endoscopic Transsphenoidal and Endoscopic Transventricular Resection of a Giant Pituitary Macroadenoma. *Minim Invasive Neurosurg* 2008 Oct;51(5):306-9
71. Leng L.Z., Brown S., **Anand V.K.**, Schwartz T.H., "Gasket-seal" Watertight Closure in Minimal-access Endoscopic Cranial Base Surgery; *Neurosurgery:* 2008 May;62(5 Suppl 2):ONSE342-3; discussion ONSE343
72. Schwartz T.H., Fraser J.F., Brown S., Tabae A., Kacker A., **Anand V.K.**, Endoscopic Cranial Base Surgery: Classification of Operative Approaches *Neurosurgery.* 2008 May;62(5):991-1002; discussion 1002-5
73. Laufer I., Greenfield J.P., **Anand V.K.**, Härtl R., Schwartz T.H., Endonasal Endoscopic Resection of the Odontoid Process in a Nonachondroplastic Dwarf with Juvenile Rheumatoid Arthritis: Feasibility of the Approach and Utility of the Intraoperative Iso-C Three-dimensional Navigation. Case report. *J Neurosurg Spine.* 2008 Apr;8(4):376-80
74. Tabae A., **Anand V.K.**, Stewart M.G., Fried M.P.. The Rhinology Experience in Otolaryngology Residency: A Survey of Chief Residents. *Laryngoscope.* 2008 Jun;118(6):1072-5
75. Brown S, Tabae A, Singh A, Schwartz TH, **Anand V.** Three-dimensional Endoscopic sinus surgery: feasibility and technique aspects. *Otolaryngology and Head and Neck Surgery* 2008; 138:400-402
76. Leng L, Brown S, **Anand, V.K**, Schwartz TH. "Gasket-seal" watertight closure in endoscopic cranial base surgery. *Neurosurgery* 62;ONS Suppl 2):ONSE342-

343, 2008

77. Schwartz TH, Fraser JF, Brown S, Tabae A, Kacker A, **Anand V.K.** Endoscopic cranial base surgery: classification of operative approaches. Neurosurgery 62:991-1005, 2008.
78. Greenfield JP, Leng L, Chaudhry U, Brown S, **Anand V.K.**, Souweidane MM, Schwartz TH. Combined simultaneous endoscopic transsphenoidal and endoscopic transventricular resection of a giant pituitary macroadenoma. Minimally Invasive Neurosurgery 51;5:306-309, 2008.
79. Fraser JF, Mass AY, Brown S, **Anand V.K.**, Schwartz TH. Transnasal endoscopic resection of cavernous sinus hemangioma. Technical note and review of the literature. Skull Base 5;18:309-315, 2008.
80. Leng L, **Anand V.K.**, Hartl R, Schwartz TH. Endonasal endoscopic resection of an os odontoideum to decompress the cervicomedullary junction - A minimal access surgical technique. Spine 34;4:E139-43, 2009.
81. Fraser J, Schwartz TH. Three-dimensional neurostereoscopy: subjective and objective comparison to 3D. Minimally Invasive Neurosurgery 52:1;25-31, 2009.
82. Tabae A, **Anand V.K.**, Barrón Y, Hiltzik DH, Brown S, Kacker A Mazumdar M, Schwartz TH. Endoscopic pituitary surgery: A systematic review and meta-analysis. Journal of Neurosurgery DOI: 10.3171/2007.12.17635 (epub ahead of print).
83. Tabae A, **Anand V.K.**, Cappabianca P, Stamm A, Esposito F, Schwartz TH. Endoscopic management of spontaneous encephalocele of the lateral sphenoid sinus. Journal of Neurosurgery (in press)
84. Tabae A, **Anand V.K.**, Barrón Y, Hiltzik DH, Brown SM, Kacker A, Mazumdar M, Schwartz TH. Predictors of short-term outcomes following endoscopic pituitary surgery. Clinical Neurology and Neurosurgery 111;2:119-123, 2009.
85. Tabae A, **Anand V.K.**, Brown SM, Fraser J, Singh A, Schwartz TH. Three-dimensional endoscopic pituitary surgery. Neurosurgery ONS Suppl 2:ONS288-295, 2009.
86. Fraser JF, Nyquist GG, Moore N, **Anand V.K.**, Schwartz TH. Endoscopic endonasal transclival resection of chordomas: operative technique, clinical outcome, and review of the literature. Journal of neurosurgery (in press).
87. Tabae A, Nyquist G, **Anand V.K.**, Singh A, Schwartz TH Palliative endoscopic

surgery in advanced sinonasal and anterior skull base neoplasms. Otolaryngology and Head and Neck Surgery (in press)

88. Hofstetter CP, Singh A, **Anand V.K**, Schwartz TH. Endoscopic transpterygoidal approach to the pterygopalatine fossa, petrous apex, lateral sphenoid sinus and Meckel's cave. Journal of Neurosurgery (in press).
89. Nyquist GG, **Anand VK**, Mehara S, Kicker A, Schwartz TH. Endoscopic repair of anterior skull base non-traumatic cerebrospinal fluid leaks, meningoceles and encephaloceles. J. Neurosurgery (in press).
90. Roth J, Singh A, Nyquist G, Fraser JF, Benardo A, **Anand VK**, Schwartz TH. Comparison of expanded endonasal and transcranial approaches to the midline skull base using standard two dimensional and novel three dimensional endoscope. Neurosurgery 65;6:1116-1129, 2009.
91. Nyquist GG , **Anand VK**, Singh A, Tabae A , Schwartz TH. The Janus flap. The bilateral nasoseptal flap for anterior skull base reconstruction. Otolaryngology and Head and Neck Surgery (in press)
92. Greenfield JG, Kacker A, Brown Tabae A, **Anand VK**, Schwartz TH. Endoscopic, endonasal, transethmoidal, transcribriform, transfovea ethmoidalis approach to the anterior skull base and anterior cranial fossa. Neurosurgery. (in press)
93. Schaberg MR, **Anand VK**, Schwartz TH, Cobb W. Microscopic versus Endoscopic Transnasal Pituitary Surgery. *Current Opinions in Head and Neck Surgery*. 2009 Dec 3

Submitted for Publications

1. Singh A, Tabae A, **Anand VK**, Greenfield J, Brown SM, Kacker A, Schwartz TH. Frontal sinus preservation in endoscopic surgery of the anterior skull base. Laryngoscope (submitted for publication)
2. Fraser JF, Singh A, Tsiouris AJ, **Anand VK**, Schwartz TH. Endoscopic transnasal transethmoidal, transcribriform resection of olfactory groove meningiomas. Early experience. Neurosurgery (submitted for publication)
3. Fraser JF, Nyquist GG, Moore N, **Anand VK**, Schwartz TH. Endoscopic endonasal transclival resection of chordomas: operative technique, clinical outcome, and review of the literature. Neurosurgery (submitted for publication)

4. Nyquist GG , **Anand VK**, Brown S, Singh A, Tabae A , Schwartz TH. Middle turbinate preservation in endoscopic transphenoidal surgery of the anterior skull base. Otolaryngology and Head and Neck Surgery (submitted for publication)
5. Fraser JF, Nyquist GG, Moore N, **Anand VK**, Schwartz TH. Endoscopic endonasal minimal access approach to the clivus: case series and technical nuances. Neurosurgery (submitted for publication)

Books, Book Chapters and Reviews

1. **Anand, V.K.**: Practical Endoscopic Sinus Surgery (Textbook) McGraw Hill, New York, New York, 1994 Principal Author
2. **Anand, V.K.**, Isaacs, R.: Nasal Physiology: Aesthetic Plastic Surgery Thomas Rees, M.D.: W.B. Saunders, Philadelphia, Pennsylvania, 1994
3. **Anand, V.K.**: How to Avoid Complications from Functional Endoscopic Sinus Surgery: AAO-HNS Course Textbook, W.B. Saunders, Philadelphia, Pennsylvania, 1994
4. **Anand, V.K.**: Anatomy and Surgical Landmarks in Endoscopic Sinus Surgery Practical Endoscopic Sinus Surgery, pp. 1-15. McGraw Hill, New York, NY, 1994
5. Panje, W.R., **Anand, V.K.**: Endoscopic Sinus Surgery Indications, Diagnosis and Techniques. Practical Endoscopic Sinus Surgery, pp. 68-86. McGraw Hill, New York, New York, 1994
6. **Anand, V.K.**, Panje, W.R.: Avoidance and Successful Management of Complications of Endoscopic Sinus Surgery. Practical Endoscopic Sinus Surgery, pp. 87-98 McGraw Hill, New York, New York, 1994
7. **Anand, V.K.**, Panje, W.R.: Endoscopic Frontoethmoidectomy; Practical Endoscopic Sinus Surgery, pp. 99-106. McGraw Hill, New York, New York, 1994
8. Sacks, E., **Anand, V.K.**, Lisman, R.: Orbital Decompression Endoscopic Perspective. Practical Endoscopic Sinus Surgery, pp. 138-159. McGraw Hill, New York, New York, 1994
9. **Anand, V.K.**: Laser Applications in Rhinology. Practical Endoscopic Sinus Surgery, pp. 160-166. McGraw Hill, New York, New York, 1994
10. **Anand, V.K.**, Quijano, D., Rosenberg, D.: Turbinate Surgery: Partial Turbinectomy Facial Plastic and Reconstructive Surgery; (In Press 1999)

11. **Anand, V.K.**, Glasgold, MJ: Functional Endoscopic Sinus Surgery Chapter 27, Operative Otolaryngology, Blackwell Science, London, 1997
12. **Anand, V.K.**, George, E.: Endoscopic Orbital Decompression in Graves Disease (Chapter 18) Smith's Ophthalmic Plastic and Reconstructive Surgery. F.A. Nesi, R. Lisman, M. Levine. (C.V. Mosby) 1997.
13. **Anand V.K.** and Schwartz T. Endoscopic Skullbase Surgery: Step by step Dissection Manual; Karl Storz 2007; Germany Principal Author
14. **Anand V.K.** and Schwartz T. Practical Endoscopic Skull Base Surgery Plural Publishing 2007; Principal Author
15. Schwartz TH, **Anand VK.** Eds. Practical Endoscopic Pituitary Surgery. Publisher: Thieme: Germany, (In Progress). Principal Author 2008.
16. Singh A, **Anand VK**, Schwartz TH. Endoscopic Approaches to the Pterygopalatine Fossa and Infratemporal Fossa. Rhinology: Diseases of the Nose, Sinuses, and Skull Base. 2008 (Thieme) Germany
17. **Anand V.K.** and Schwartz T. Endoscopic Skullbase Surgery: Step by step Dissection Manual; Karl Storz 2007; Germany Principal Author (Second Edition.2011)

Chapters

Foreward- Philip E. Stieg, PhD, MD
 Michael G. Stewart MD MPH
 Jatin Shah MD FACS

Chapter 1- The History of Endoscopic Surgery of the Sinuses, Pituitary and Anterior Skull Base
 Ilya Laufer M.D. , **Vijay K. Anand, M.D.**, Philip E. Stieg, Ph.D., M.D., Theodore H. Schwartz, M.D.

Chapter 2- Practical Anatomy of the Sinuses and Anterior Skull Base – **Vijay K. Anand, M.D.**, Theodore H. Schwartz, M.D.

Chapter 3- The Radiographic Appearance of Anterior Skull Base Pathology – Zinreich (Dr. Anand has the contact information)

Chapter 4- Endoscopic Skull Base Instrumentation – Paolo Cappabianca, M.D.

Chapter 5- The Role of Image-guidance in Endoscopic Skull Base Surgery – Abtin Tabae, M.D., **Vijay K. Anand, M.D.**, Theodore H. Schwartz, M.D.

Chapter 6- Endoscopic Surgical Corridors to the Anterior Skull Base - **Vijay K. Anand, M.D.** & Theodore H. Schwartz, M.D.

Chapter 7- The Endonasal, Endoscopic Transphenoidal Approach to the Sella – Theodore H. Schwartz, M.D.& **Vijay K. Anand, M.D.**

Chapter 8- The Transphenoidal-Transplanum Approach to the Suprasellar Cistern– Theodore H. Schwartz, M.D. & **Vijay K. Anand, M.D.**

Chapter 9- The Transthemoidal-Transorbital Approach to the Orbital Apex– **Vijay K. Anand, M.D.** & Theodore H. Schwartz, M.D.

Chapter 10- The Transthemoidal-Transcribiform Approach to the Anterior Cranial Fossa – Theodore H. Schwartz, M.D.& **Vijay K. Anand, M.D.**

Chapter 11- The Transclival Approach to the Posterior Fossa – Aldo Stamm, M.D.

Chapter 12- The Transpterygoidal Approach to the Infratemporal Fossa – Amin Kassam, M.D.

Chapter 13- Endonasal Approaches to the Cavernous Sinus – Paolo Cappabianca, M.D.

Chapter 14- Endoscopic Closure of Anterior Skull Base Defects – Abtin Tabae, M.D., Dmitrius Plakantonakis, M.D., Theodore H. Schwartz, M.D.& **Vijay K. Anand, M.D.**

Chapter 15- Practical Peri-Operative Management of Patients After Endoscopic Skull Base Surgery– Jeffrey Greenfield, M.D., Ph.D., **Vijay K. Anand, M.D.**& Theodore H. Schwartz, M.D.

Chapter 16- Nyquist GG, **Anand VK**, Schwartz TH. Transplanum, transtuberculum approach, in Endoscopic Skull Base and Brain Surgery: Tips and Pearls, Stamm A, ed. Thieme (in press)

Chapter 17- Singh A, **Anand VK**, Schwartz TH. Successful management of endoscopic skull base surgery complications in Endoscopic Skull Base and Brain Surgery: Tips and Pearls, Stamm A, ed. Thieme (in press)

Invited Speaker (National & International)

1. Anand, V.K., Herbert, J., Robbett, W.R., Zelman, W.: Safe Anesthesia for Endoscopic Laryngeal Laser Surgery; Presented at the Sixth Annual Meeting of the American Academy of Laser Medicine and Surgery; Boston, Massachusetts (1987)
2. Anand, V.K.: Lasers in Rhinology, Presented at the Annual Meeting of American Rhinologic Society; Denver, Colorado, April 1987

3. Anand, V.K.: Post Laryngectomy Voice Restoration: Update 1987. Presented at the Sixth Asia Oceanic Congress in New Delhi, India, November 9-13,1987
4. Anand, V.K., Hirano, M., Ramalingam, KK: Management of Laryngeal and Tracheal Stenosis: Indications and Techniques. Panel Discussion Presentation at the Sixth Asia Oceanic Congress in New Delhi, India, November 9-13, 1987
5. Anand, V.K.: Contact ND: YAG Laser Surgery in Head and Neck Surgery University of Paris; France, July 1991 (Combined Program with Harvard University)
6. Anand, V.K.: Dwight Eisenhower Traveling Scholar to Singapore General Hospital, Singapore;University of Kebasangan, Kuala Lumpur, Malaysia; Chulalonghorn University; Bangkok, Thailand; Prince of Wales Hospital, Hong Kong, China, March 1993. Recent Advances in Functional Endoscopic Sinus Surgery. Combined Surgical Approach to Craniofacial Tumors
7. Anand, VK: Management of Complications of Endoscopic Ethmoidectomy: Surgical Anatomy in Endoscopic Sinus Surgery; New Perspectives in Otolaryngology; University of Cincinnati, Caneel Bay; Virgin Islands, 1994
8. Anand, V.K.: How to Avoid Complications of Endoscopic Sinus Surgery; New York Academy of Medicine, September 1994
9. Anand V.K.: Honored Guest faculty. Harvard University- University of Paris Exchange program; Paris, France; June 1995. Value of Laser turbinectomy, Voice rehabilitation following total laryngectomy
10. Anand, V.K.: How to Avoid Complications of Endoscopic Sinus Surgery; University of Lisbon, Lisbon; Portugal, July 1996
11. Anand, V.K.: Surgical Approaches and Pathophysiology of Frontal Recess Surgery; Cottle Centennial Meeting; University of Pennsylvania; Philadelphia, Pennsylvania, 1997
12. Anand, V.K.: Intraoperative 3D Imaging in Endoscopic Sinus Surgery; Cottle Centennial Meeting; University of Pennsylvania; Philadelphia, Pennsylvania, 1997
13. Anand, VK: Practical Surgical Challenges in Otolaryngology. University of Illinois; Snowmass, Colorado, February 1997
 - Anatomical Concepts in Endoscopic Sinus Surgery
 - Endoscopic Frontal Recess Surgery: Techniques
 - Revision Endoscopic Sinus Surgery: When and Why?
 - Decision Making in Endoscopic Management of CSF Rhinorrhea

14. Anand, V.K.: Practical Surgical Challenges in Otolaryngology, University of Illinois; Snowmass, Colorado, February 1998
 - Anatomical Concepts in Endoscopic Sinus Surgery
 - Endoscopic Frontal Recess Surgery: Techniques
 - Revision Endoscopic Sinus Surgery: When and Why?
 - Decision Making in Endoscopic Management of CSF Rhinorrhea
 - Image Guided Surgery: Techniques and Usefulness
15. Anand V.K.; Visiting Professor at Mayo Clinic, Rochester, Minnesota Department of Otolaryngology April 20, 2000; Image Guided Endoscopic Sinus Surgery for the Millennium
16. Anand, V.K.: Computer Aided Surgery for the Millennium, Dean's Hour Sandy and Joan Weill College of Medicine at Cornell University; New York, New York, 1999
17. Anand V.K.; Honored Guest Faculty. Endoscopic Sinus Surgery Workshop October 20, and 21, 2000. The University of Mississippi School of Medicine; Jackson, Mississippi
18. AnandV.K.; Practical Surgical Challenges in Otolaryngology, University of Illinois at Chicago College of Medicine; Aspen, Colorado, February 2001
 - Surgical Anatomy for the Endoscopic Sinus Surgeon.
 - Endoscopic management of Posterior epistaxis.
 - Revision Endoscopic ethmoidectomy. How and why?
 - Management of Frontal sinus disease.
 - Endoscopic surgical management of C.S.F.Rhinorrhoea; What is new?
 - What is new in Image guided endoscopic sinus surgery
19. Anand V.K. Guest Faculty, The Ninth Annual Techniques in Head and Neck Surgery-Otolaryngology: The Course; May 31 –June 2, 2002 Rush-Presbyterian-St. Luke's Medical Center; Chicago, Illinois
18. Anand V.K. Guest Faculty, : Tenth Annual Techniques in Head and Neck Surgery-Otolaryngology: The Course. May 30 –May31, 2003 Rush-Presbyterian-St. Luke's Medical Center; Chicago, Illinois
19. Anand V.K. Honored Guest speaker at the American Osteopathic College of Otolaryngology, Head and Neck Surgery 87th Annual Assembly May 2, 2003, Fort Myers, Florida
20. Honored Speaker: New Jersey College of Medicine, UMDNJ; Newark, New Jersey, November, 2003

36. Invited Speaker: Egyptian Rhinoogic Society 2008
37. Invited Speaker : Hacetepe University Alumni meeting; Ankara, Turkey, 2008
38. Invited Speaker Third International Congress of Endoscopic Skull Base Surgery; Sao Paolo, Brazil 2008
39. Visiting Professor NYU 2009, George Washington University 2009

P. PRESENTATIONS:

1. Anand, V.K.; Total Excision of Inverting Papilloma by the Degloving Approach, Presented at the Annual Meeting of AAFPRS, New Orleans, Louisiana, 1982
2. Anand, V.K., Arena, S.; Nondelayed Deltopectoral Island Flap: Surgical Anatomy and Its Use in Head and Neck Reconstruction; Presented at the AAFPRS, Spring Meeting; New Orleans, Louisiana 1983
3. Anand, V.K., Arena, S.: Axial Island Flap in Nasal Reconstruction; Presented at the AAFPRS Meeting; Eastern Section; Toronto, Canada, January 1984
4. Anand, V.K., Arena, S. Aesthetic Aspect of Partial Rhinectomy Reconstruction Presented at the AAFPRS Meeting in Palm Springs, Florida, May 1984
5. Anand, V.K., Arena S.' Primary Myxoliposarcoma of Neck: Poster Presentation; Annual Meeting of American Academy of Otolaryngology and Head and Neck Surgery in Las Vegas, Nevada, September 1984
6. Anand, V.K., Friedensohn, P.; Orbital Complications of sinus Disease in the Pediatric Population; Presented at the Annual Meeting of American Academy of Otolaryngology and Head and Neck Surgery in Las Vegas, Nevada, September 1984
7. Anand, V.K.; Sublabial Approach to the Middle Third of the Face: A New Concept; Presented at AAFPRS Spring Meeting, Miami Beach, Florida, May 1985
8. Smouha, E., Anand, V.K., Levenson, M.J., Deck, MDF, Parisier, SC: Deep Neck Abscess of Otogenic Origin: Bezold's Abscess Revisited; Presented at XIII World Congress of Otorhinolaryngology, Miami Beach, Florida, May 1985
9. Anand, V.K.: Laryngeal Laser Arytenoidectomy: Indications and Techniques; Presented at the Sixth Asia Oceanic Congress in New Delhi, India, November 9-13, 1987

10. Anand, V.K.; Pointers and Pitfalls in Argon Laser Therapy; Presented at AAFPRS Meeting, Eastern Section. New York, New York, January 29, 1988
11. Anand, V.K.; Indications for and Avoidance of Complications in Endoscopic Sinus Surgery; Presented at the American Rhinologic society Spring Meeting in Palm Beach, Florida, April 22, 1988
12. Anand, V.K., Robbett, W.F.: Nd:YAG Laser Scalpel Applications in Ear, Nose and Throat and Head and Neck Surgery: Preliminary Report; Otorhinolaryngology Motion Pictures Sessions; Annual Meeting of the American College of Surgeons, Chicago, Illinois, 1988
13. Anand, V.K.; Choice of Laser Wavelengths in Phonosurgery. Presented at Voice Foundation Manhattan School of Music (Julliard Symposium) New York, New York, 1988
14. Anand, V.K.; Management of Nasocranial Tumors; American Rhinologic Society, Spring Meeting, San Francisco, California, March 1989
15. Anand, V.K.; Strobolarygscopy Symposium, St. Francis Hospital, University of Pittsburgh, Philadelphia, June 1989
16. Anand, V.K., Galantich, P., Advantages of Endoscopic Laser Arytenoidectomy. Voice Foundation. (Annual Scientific Meeting) Philadelphia, Pennsylvania, June 1989
17. Anand, V.K.; Practice Management Seminars: Understanding and Proper Usage of CPT/ICD-9 CM in ENT and Head and Neck Surgical Practice. San Francisco, California, May 1990
18. Anand, V.K.; Lasers: Fantasy, Fallacy or Reality; Annual Otolaryngologic Cherry Blossom Conference. Laser in Otolaryngology. Washington, D.C., March 20-22, 1992
19. Anand, V.K.; Safe Endoscopic Nd: YAG Laser Applications in Intranasal Surgery; American Rhinologic Society; Desert Springs, Palm Springs, April, 1992
20. Anand, V.K.; Endoscopic Management of Massive Nasal Polyposis; American Rhinologic Society, Los Angeles, California, April 1993
21. Anand, V.K.; Lasers in Rhinology, Advanced Endoscopic Surgical Symposium; University of Pennsylvania, Philadelphia, Pennsylvania, July 1993
22. Anand, V.K.; Recent Advances in Intranasal Laser Surgery; Advanced Endoscopic Surgical Symposium; University of Pennsylvania Philadelphia, Pennsylvania, July 1993

23. Anand, V.K.; Endoscopic Surgical Approaches to Sphenoid Sinus; Eastern Section; Triological Society; New York, New York, 1994
24. Anand, V.K.; Glasgold, M. Murali, R: Surgical Decisions in the Management of C.S.F. Rhinorrhea. European Rhinologic Congress, Copenhagen, June 1994
25. Anand, V.K.; Martin, D: Molecular Genetics in Allergic Fungal Sinusitis. Spring Meeting of the Triological Society; Scottsdale, Arizona, 1997
26. Anand, V.K.; Namdar, I.; Value of Image Guided Surgery in Endoscopic Sinus Surgery; Annual Meeting of Academy of Otolaryngology and Head and Neck Surgery; San Francisco, California, 1997
27. Anand, V.K., Kacker, A.; Value of Radiologic Imaging and Computer Assisted Surgery in Surgical Decision of the Anterior Skull Base Lesions; European Rhinological Society, Annual Meeting; Vienna, Austria, 1998
28. Anand, V.K., George, E.; Image Guided Surgery in Endoscopic Sinus Surgery; CIRCA 1998. European Rhinological Society, Annual Meeting; Vienna, Austria, 1998
29. Anand, V.K.; Panel Discussion: Management of CSF Rhinorrhea; American Rhinological Society Annual Meeting; San Antonio, Texas, 1998
30. Anand, V.K.; Panel Discussion: Computer Aided Sinus Surgical Applications; Rhinology and Sinusitis Subcommittee Presentations, Annual Meeting of AAO-HNS. San Antonio, Texas, 1998
31. Anand, V.K.; Panel Discussion: Computer Aided Tissue Shaver Sinus Surgical Applications; Rhinology and Sinusitis Subcommittee Presentations, Annual Meeting of AAO-HNS; New Orleans, Louisiana, 1999
32. Prasad M., Huang C., Anand V.K., Endoscopic Evaluation of the Anterior Ethmoidal Artery. Nose 2000 meeting, American Rhinological Society; Washington, D.C., 2000
33. Huang C., Anand V.K.; Clinical Results Using Computer-assisted Image-guided Technology in Endoscopic Sinus Surgery. Nose 2000 meeting, American Rhinological Society; Washington, D.C., 2000
34. Huang C., Newman J., Anand V.K.; Utility of Mitomycin-C in Endoscopic Sinus Surgery. Nose 2000 meeting, American Rhinological Society; Washington, D.C., 2000

35. Newman J., Huang C., Anand V.K.; Clinical Applications of the Diode Laser in Rhinology. Nose 2000 meeting, American Rhinological Society; Washington, D.C., 2000
36. Kacker A., Huang C., Anand V.K.; Incidence of Hypertrophy and Osteitis in Chronic Sinusitis. Nose 2000 meeting, American Rhinological Society; Washington, D.C., 2000
37. Anand V.K.; The Use of the Electromagnetic System in Computer Aided Sinus Surgery; Rhinology and Sinusitis Subcommittee Presentations, Annual Meeting of AAO-HNS; Washington, D.C., 2000
38. Anand V.K.; Computer Aided Surgery for the Year 2000. Cine clinics of North America; Chicago, Illinois, October 2000
39. Zadeh M.H., Huang C., Anand V.; Significance of Eosinophilia in Chronic Rhinosinusitis. American Rhinologic Society 2001 COSM, May 31 2001, Palm Desert, California
40. Anand V., Friedman M., Schettino R., Ibrahim H, Kacker A.; Treatment of Patients with Recurrent Sinusitis Following Endoscopic Sinus Surgery; Presented at the Annual Meeting of AAO-HNS in Denver, Colorado September 2001
41. Kacker A., Anand V.K., Huang C., Friedman M., Schettino R., Kadkadke P.; Efficacy of Ambulatory Peri-operative Intravenous Antibiotics for Chronic Refractory sinusitis- a pilot study. Eastern Section Meeting of The Triological Society, 26th of January, 2002, Philadelphia, Pennsylvania
42. Bhayani R., Anand V.K.; Minimal Invasive Image Guided Endoscopic Skull Base Approach for Basal Meningoencephalocele; Eastern Section Meeting of The Triological Society, 27th of January, 2002; Philadelphia, Pennsylvania
43. Jen A., Kacker A., Huang C., Anand V.K.; Role of Fluconazole Nasal Spray in the Treatment of Allergic Fungal Sinusitis – a pilot study; American Rhinology Meeting in Boca Raton, Florida; May 11 2002
44. Levine H., Anand V.K., Kacker A. and Horn C.; Use of Intravenous Antibiotics for Refractory Rhinosinusitis in Non-surgical Patients: A Prospective Study. Presented at American Rhinology Meeting in San Diego, California; September 21, 2002
45. Kacker A., Glasgold R., Anand V.K.; Treatment of Refractory Chronic Rhinosinusitis with Amphotericin-B Nasal Irrigations; Presented at American Rhinology Meeting in San Diego, California; September 21, 2002
46. Kacker A., Tabae A., Anand V.K.; Outcome of Image Guided Endoscopic Sinus Surgery (IGESS) – A Five Year Study. Presented at American Rhinology Meeting in San Diego, California; September 21, 2002

47. Anand V.K., Levine H., Kacker A. and Horn C.; Adjuvant Perioperative Intravenous Antibiotic Therapy in Patients with Chronic Refractory Sinusitis; A pilot study; Presented at the Eastern Section Meeting on January 25, 2003; Boston, Massachusetts
48. Jen A, Kacker A, Anand V.K.; Semi-automated Digital Model of Ciliary Beat Analysis. American Rhinological Society (May 2003) Nashville, Tennessee
49. Lando T., Tabaee A., Kacker A., Anand V.K.; The Role Computer Assisted Surgery in Closure of Sino-Nasal Cerebrospinal Fluid Leaks; Presented at the ARS Annual meeting (Sept 2003) Orlando, Florida
50. Tabaee A., Kacker A., Anand V.K., Huang C.; The role of Mitomycin-C in Preventing Synechia and Stenosis After Endoscopic Sinus Surgery; Presented at the ARS Annual meeting (Sept 2003) Orlando, Florida
51. Manarey C.R., Anand V.K., Huang C.; The Incidence of Methicillin-Resistant Staphylococcus Aureus Causing Chronic Rhinosinusitis; Triological Society, Eastern Section New York, New York; January 24, 2004
52. A. Kacker, Anand V.K., Hiltzik D.; The Indications and Role of Osteoplastic Flap for Obliteration of the Frontal Sinus in the Era of Image Guided Surgery ;Presented at the Spring Meeting of the ARS at Phoenix, Arizona; April 2004
53. Manarey, C.R., Anand V.K., Huang C., Shrimel M., Kacker A.; Real-time Image Guided Endoscopic Sinus Surgery: a C-arm Cadaveric Study; Spring Meeting of the ARS at Phoenix, Arizona; April 2004
54. Anand V.K., Kacker A. et al: The Indications and Role of Osteoplastic Flap for Obliteration of the Frontal Sinus in the Era of Image Guided Surgery; The Spring Meeting of the ARS at Phoenix, Arizona; April 2004
55. Anand V.K., Kacker A. et al: Real-time Image Guided Endoscopic Sinus Surgery; a c-arm cadaveric study; The Spring Meeting of the ARS at Phoenix, Arizona; April 2004
56. Anand V.K., Kacker A.; et al: Catheter- and Antibiotic-related Complications of Ambulatory Intravenous Antibiotic Therapy for Chronic Refractory Rhinosinusitis. Annual ARS meeting Sept 2004; New York, New York
57. Anand V.K., Kacker A. et al: Management of CSF Leak Course at the Annual AAOHNS meeting September 2004
58. Anand V.K., Huang C.,Manarey.C.; Office base Endoscopic Sinus Surgery Course at the Annual Academy of Otolaryngology and Head and Neck Surgery, New York New York, 2004

59. Anand V.K., Kacker A.; et al: The role Intrathecal Fluoroscein in the Management of Endoscopic Anterior Skull Base Surgery; Eastern Section Meeting of the Triological Society; Washington, D.C.; January 29, 2005
60. Anand V.K., Kacker A., Hersh.S.; Role of Epoxy Glue in Management of Anterior Uncomplicated Epistaxis. COSM-ARS at Boca Raton, May 2005
61. Anand V.K., Kacker A.: et al: Endoscopic Anterior Skull Base Surgery Using Real Time Imaging; COSM-ARS at Boca Raton, May 2005
62. Schwartz, T., Anand V.K.; Endoscopic Anterior Skull Base Surgery; North American Skull Base society, Toronto, Canada. April 2005
63. Huang, C. , Manarey C., Anand V.K.; Endoscopic placement of spreader graft, Southern section Triologic Society; Miami, February, Florida 2005
64. Taebee, A., Anand V.K.; Persistence of the Lateral Craniopharyngeal (Sternberg's) Canal Resulting in Spontaneous Encephalocele of the Sphenoid Sinus; American Rhinologic Society – Combined Otolaryngologic Society Meeting; Chicago, Illinois; May 2006
65. Tabaee A., Anand V.K; Outpatient Intravenous Antibiotics for the Treatment of Methicillin Resistant Staphylococcus Aureus Sinusitis; American Rhinologic Society – Combined Otolaryngologic Society Meeting. Chicago, Illinois; May 2006
66. Tabaee A., Anand V.K.; Endoscopic Extended Transsphenoidal, Transplanum Approach for Resection of Suprasellar Lesions; North American Skull Base Society; Phoenix, Arizona; February 2006
67. Tabaee A., Anand V.K.; The Safety and Efficacy of Intrathecal Fluorescein in Endoscopic Skull Base Surgery; North American Skull Base Society. Phoenix, Arizona; February 2006
68. Reconstruction Following Endoscopic Skull Base Surgery; Triological Society - Combined Otolaryngologic Society Meeting; Chicago, Illinois; May 2006
69. Tabaee A., Anand V.K.; The Role of Mitomycin-C in Preventing Synechia and Stenosis after Endoscopic Sinus Surgery; American Rhinologic Society; Orlando, Florida; September 2003
70. Tabaee A., Anand V.K.; Outcome of Computer Assisted Sinus Surgery – A five year study. American Rhinologic Society. San Diego, California; September 2002

71. The Role of Perioperative Antibiotics in Endoscopic Skull Base Surgery; Combined Triological Society Meeting; Marco Island, Florida; February 2007
72. Brown S., Tabae A., Anand V.K.; Tissue Sealants in Endoscopic Skull Base Surgery; American Rhinologic Society; Toronto, Ontario; September 2006
73. Tabae A., Anand, V.K.; Algorithm for Reconstruction Following Endoscopic Skull Base Surgery; Combined Triological Society Meeting; Marco Island, Florida; February 2007
74. Tabae A., Brown S., Anand, V.K.; Predictors of Short-Term Outcomes Following Endoscopic Pituitary Surgery; Fourth World Conference International Study Group of Neuroendoscopy - Second World Congress Endoscopic Surgery of the Brain, Skull Base and Spine; Versailles, France; May 2007
75. Tabae, A., Brown, S., Anand, V.K.; Endoscopic Pituitary Surgery: A meta-analysis. Fourth World Conference International Study Group of Neuroendoscopy - Second World Congress Endoscopic Surgery of the Brain, Skull Base and Spine; Versailles, France; May 2007
76. Singh, A., Tabae, A., Anand, V.K., Greenfield. J.G., Brown, S.M., Schwartz. T.H.; Frontal Sinus Preservation in Anterior Skull Base Surgery; American Rhinologic Society, Orlando, Florida; May 2008
77. Singh, A., Brown, S.M., Tabae, A., Anand, V.K., Schwartz, T.H.; Evolution of Endoscopic Base Reconstruction; North American Skull Base Society, Vancouver, Canada; September 2008
78. Singh, Gurston, Schaberg, Brown, Anand, VK and Schwartz T.H. Complications in Endoscopic Pituitary & Skull Base Surgery: The Learning Curve. NASBS. New Orleans. October 2009.

Signature: _____

Date: _____