

# HARRY VAN LOVEREN MD

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### Education

Research Fellowship in Neurophysiology, Universitätsspital, Zurich, Switzerland, 1985  
Residency in Neurosurgery, University of Cincinnati, Department of Neurosurgery and The Mayfield Clinic, Cincinnati, Ohio 1979-1985  
M.D. University of Cincinnati, College of Medicine, Cincinnati, Ohio, 1979  
B.S. University of Cincinnati, Cincinnati, Ohio, 1975

### Certification & Licensure

1988 American Board of Neurological Surgeons  
Ohio License No: 046018  
Kentucky License No: 24231  
Florida License No: ME95610

### Appointments and Positions (Active)

2003-present David W. Cahill Professor and Chair, Department of Neurosurgery and Brain Repair, University of South Florida, Morsani College of Medicine  
2018-present Adjunct Professor of Neurological Surgery, Johns Hopkins Medicine, Baltimore, MD.  
2010-present vice-Chairman-Executive Management Committee (EMC), University of South Florida Physicians Group  
2017-present vice-Dean Clinical Affairs, USF Health  
2017-present CEO Byrd Alzheimer's Center and Research Institute  
2017-present Director USF Health Neuroscience Institute  
2018-present Director Tampa General Hospital Neuroscience Service Line  
2020-present Chair USF Health Finance Committee

### Honors

1978-2002 Alpha Omega Alpha, University of Cincinnati, College of Medicine  
2002-Present Alpha Omega Alpha, University of South Florida  
2001-Present Who's Who in America  
2006-Present Castle Connolly America's Top Doctors  
2002-Present Tampa Bay Metro Magazine, Tampa's Top Doctors  
2007-2013 Patients' Choice Award  
2010-2012 Compassionate Doctor Recognition  
1999-Present Who's Who in American Medicine  
2001-Inducted Life Member of The National Registry of Who's Who in Executives and Professionals  
2005-2006 Who's Who in Science and Engineering

## Professional Memberships

American Association of Neurological Surgeons (AANS)  
AANS/CNS Joint Section on Cerebrovascular Surgery  
AANS/CNS Joint Section on Tumors  
American Medical Association  
Congress of Neurological Surgeons (CNS)  
Frank H. Mayfield Society (Founding Member: 1990, Vice President: 1990-1991; President: 1991-1992)  
North American Skull Base Society (Founding Member: 1990)  
Society of Neurological Surgeons  
American Academy of Neurological Surgery  
American Board of Neurological Surgery  
Southern Neurosurgical Society (vice-President 2013; President 2016)  
Acoustic Neuroma Association  
Florida Neurosurgical Society

## Ad hoc reviewer

Neurosurgery  
World Neurosurgery

## Professional Service

2019 Member Search Committee for Chair, Division of Cardiology  
2017 Chair of Search Committee for Chair, Department of Ophthalmology  
2016 Chair of Search Committee for Chair, Department of Surgery  
2015-2017 Senior Associate Dean for Surgical Subspecialties, USF Health  
2015-2017 Chief Medical Officer, USF Physician's Group, University of South Florida  
2015-2016 President Southern Neurosurgical Society  
2014 Chair of Search Committee for Chair, Department of Psychiatry  
2013-2014 Interim Dean, Morsani College of Medicine, University of South Florida  
2011-2011 Head of Search Committee for USF Physicians Group CEO and vice-Dean of Education  
2008-2010 Member-Executive Management Committee, University of South Florida Physicians Group  
2007-2018 Claims Management Committee USFPG  
2005-2010 Managed Care Committee, University of South Florida  
2005-2007 Scientific Program Committee, The Southern Neurosurgical Society  
2005-2007 Membership Committee, The Southern Neurosurgical Society  
2006-2007 LCME Committee, USF  
2005-2006 Neuroscience CRISP Committee (Director)  
2003-2004 Neurosciences Research Work Group, University of South Florida

2003-2018	Risk Management Committee, University of South Florida
2003-2017	Skull Base Surgery Committee, World Federation of Neurological Surgeons
2002-2003	Neurology Chair Search Committee, University of South Florida
2002-2005	Academic Computing Committee, University of South Florida
2000-2001	Nominating Committee, Executive Committee, The University Hospital, Cincinnati
2000-2001	Finance Committee, Mayfield Clinic & Spine Institute
1999-2002	Elected Member, Executive Committee, The University Hospital, Cincinnati
1999-2002	Membership Committee, Society of Neurological Surgeons
1999-2000	Executive Council, AANS/CNS Joint Section on Tumors
1999-2000	Member, Advisory Board of the Executive Committee, AANS/CNS Joint Section on Tumors
1999-2002	Elected Member, Executive Council, AANS/CNS Joint Section on Cerebrovascular Surgery
1998-2002	Radiographic Interventional Vascular Procedures Committee (University Hospital)
1998-2002	Cerebrovascular Design Team, The Neuroscience Institute
1998-2002	Neuro-oncology Design Team, The Neuroscience Institute
1998-2000	Executive Committee, Mayfield Clinic & Spine Institute
1998-2002	Strategic Imperative Team, Mayfield Clinic & Spine Institute
1997-1999	RUC Advisory Committee, American Medical Association (National Representative for AANS)
1997-2001	Elected Member, Executive Committee, Good Samaritan Hospital, Cincinnati
1997-1999	Elected Member, Peer Review Committee, Good Samaritan Hospital, Cincinnati
1995-2002	O.R. Policy Committee, University Hospital, Cincinnati
1994-1999	Physician Reimbursement Committee, American Association of Neurological Surgeons
1993-1994	Chairman, Audit Committee, North American Skull Base Society
1992-1993	Chairman, Congress of Neurological Surgeons Meeting, Host Committee
1991-2002	Research Committee, Department of Neurosurgery, University of Cincinnati
1990-2002	Education Committee, Department of Neurosurgery, University of Cincinnati
1989-1995	Professional Affairs Committee, Mayfield Clinic

## PEER REVIEWED PUBLICATIONS

1. van Loveren HR, Tew JM Jr, Keller JT, Nurre MA: A 10-year experience in the treatment of trigeminal neuralgia. Comparison of percutaneous stereotaxic rhizotomy and posterior fossa exploration. **J Neurosurg** 57:757-764, 1982.
2. Keller JT, Saunders MC, Ongkiko CM, Johnson J, van Loveren HR, Frank E, Tew JM Jr: Identification of motorneurons innervating the tensor tympani and tensor veli

- palatini muscles in the cat. **Brain Res** 270:209-215, 1983.
3. van Loveren HR, Saunders MC, Keller JT: Localization of motorneurons innervating the levator veli palatini muscle in the cat. **Brain Res Bull** 11:303-307, 1983.
  4. Keller JT, Saunders MC, van Loveren HR, Shipley MT: Neuro-anatomical considerations of palatal muscles: Tensor and levator veli palatine. **Cleft Palate J** 21:70-75, 1984.
  5. Cassini P, van Loveren HR, Saunders MC, Keller JT: Localization of motorneurons innervating the stylopharyngeus muscle in the cat. **Neuroscience Lett** 58:251-255, 1985.
  6. Tew JM Jr, van Loveren HR: Surgical treatment of trigeminal neuralgia. **Am Fam Physician** 31(5):143-150, 1985.
  7. van Loveren HR, Greene RW, Haas HL, Siegfried J: A simple in vitro method to study the trigeminal ganglion in vitro. **Appl Neurophys** 49:147-154, 1986.
  8. Weil SM, van Loveren HR, Tomsick TA, Quallen BL, Tew JM Jr: Management of inoperable cerebral aneurysms by navigational balloon technique. **Neurosurgery** 21:296-302, 1987.
  9. Kashiwagi S, Tew JM Jr, van Loveren HR, Thomas G: Trapping of giant basilar trunk aneurysms. Report of two cases. **J Neurosurg** 69(3):442-445, 1988.
  10. Pensak ML, van Loveren HR, Tew JM Jr: The surgical anatomy and approaches to lesions of the lower basilar artery and vertebral artery union. **Am J Otol** 10:351-357, 1989.
  11. Kashiwagi S, van Loveren HR, Tew JM Jr, Wiot JG, Weil SM, Lukin RA: Diagnosis and treatment of vascular brain-stem malformations. **J Neurosurg** 72:27-34, 1990.
  12. van Loveren HR, Keller JT, El-Kalliny M, Scodary DJ, Tew JM Jr: The Dolenc Technique for Cavernous Sinus Exploration (cadaveric prosection): Technical note. **J Neurosurg** 74:837-844, 1991.
  13. Pensak ML, Tew JM Jr, Keith RW, van Loveren HR: Management of the acoustic neuroma in an only hearing ear. **Skull Base Surg** 1:93-96, 1991.
  14. El-Kalliny M, Tew JM Jr, van Loveren HR, Dunsker SB: Surgical approaches to thoracic disc herniations. **Acta Neurochir**, 111:22-23, 1991.
  15. Stambough JL, van Loveren HR, Cheeks ML: Spinal cord compression in Scheuermann's kyphosis: Case report. **Neurosurgery** 30:127-130, 1992.
  16. Freije JE, Gluckman JL, van Loveren H, McDonough JJ, Shumrick KA: Reconstruction of the anterior skull base after craniofacial resection. **Skull Base Surg** 2(1), 1992.
  17. van Loveren HR: Tumors of the lateral wall of the cavernous sinus. **J Neurosurg** 77:508-514, 1992.

18. Tomsick TA, Tew JM Jr, van Loveren HR: Subarachnoid hemorrhage due to aneurysms of the anterior communicating artery region after balloon occlusion: Report of two cases. **Am J Neuroradiol** 157:213-219, 1997.
19. Ghobashy A, van Loveren HR: Acoustic schwannoma presenting as acute posterior fossa hematoma: Case report and review of the literature. **Skull Base Surg** 3(3):136-140, 1993.
20. Miller CG, van Loveren HR, Keller JT, Pensak M, El-Kalliny M, Tew JM Jr: Transpetrosal approach: Surgical anatomy and technique. **Neurosurgery** 33(3):461-469, 1993.
21. Lewis AI, Crone KR, Taha J, van Loveren HR, Yeh H-S, Tew JM Jr: Surgical resection of third ventricular colloid cysts: Preliminary results comparing transcallosal microsurgery with endoscopy. **J Neurosurg** 81:174-178, 1994.
22. Baldwin HZ, Miller CG, van Loveren HR, Keller JT, Daspit CP, Spetzler RF: The far lateral/combined supra and infratentorial approach: A human cadaveric prosection model for routes of access to the petroclival region and ventral brain stem. **J Neurosurg** 81:60-68, 1994.
23. Guthikonda M, Rengachary S, Balko MG, van Loveren HR: Lipofibromatous hamartoma of the median nerve: Case report with magnetic resonance imaging correlation. **Neurosurgery** 35:127-132, 1994.
24. Sayre MR, Dailey SW, Stern SA, Storer DL, van Loveren HR, Hurst JM: Prehospital administration of mannitol to head injured multiple trauma patients. **J Trauma** 11, 1994.
25. Taha, JM, Tew JM Jr, van Loveren HR, Keller JT, EL-Kalliny M: Comparison of conventional and skull base surgical approaches for the excision of trigeminal neurinomas. **J Neurosurg** 82:719-725, 1995.
26. Larson JJ, van Loveren HR, Balko G, Tew JM Jr: Evidence of meningioma infiltration into cranial nerves: Clinical implications for cavernous sinus meningiomas. **J Neurosurg** 83:596-599, 1995.
27. Timperman PE, Tomsick T, Tew JM Jr, vanLoveren HR: Aneurysm formation after carotid occlusion. **AJNR Am J Neuroradiol** 16:329-331, 1995.
28. Bindal AK, Bindal RK, van Loveren HR, Sawaya R: Management of intracranial plasmacytoma. **J Neurosurg** 83:218-221, 1995.
29. Larson JJ, Tew JM Jr, Tomsick TA, van Loveren HR: Treatment of aneurysms of the internal carotid artery by intravascular balloon occlusion: Long-term follow-up of 58 cases. **Neurosurgery** 36:23-30, 1995.
30. Lewis AI, van Loveren HR, Tew JM: Management of brain-stem vascular malformations: Advances in surgical technique and long-term results. **Neurosurg Q** 5(4):217-228, 1995.

31. Bouthillier A, van Loveren HR, Keller JT: Segments of the internal carotid artery: A new classification. **Neurosurgery** 38:425-433, 1996.
32. Sayre MR, Dailey SW, Stern SA, Storer DL, van Loveren HR, Hurst JM: Out-of-hospital administration of mannitol to head injured patients does not change systolic blood pressure. **Acad Emerg Med** 3:840-848, 1996.
33. Kawase T, van Loveren HR, Keller JT, Tew JM Jr: Meningeal architecture of the cavernous sinus: Clinical and Surgical Implications Volume 39(3), September 1996, pp 527-535
34. Pensak ML, Boulos O, Keith RW, Tew JM Jr., van Loveren HR: Combination of auditory and somatosensory evoked potential monitoring during skull base tumor removal. **Laryngoscope** 108:770-775, 1997.
35. O'Sullivan MG, van Loveren HR, Tew JM Jr: The surgical resectability of meningiomas of the cavernous sinus. **Neurosurgery** 40:238-247, 1997.
36. Friedman RA, Pensak ML, Tauber M, Tew JM Jr, van Loveren HR: Anterior petrosectomy approach to infraclinoidal basilar artery aneurysms: The emerging role of the neuro-otologist in multidisciplinary management of basilar artery aneurysms. **Laryngoscope** 107:977-983, 1997.
37. Friedman RA, Brackmann DE, van Loveren HR, Hitselberger WE: Management of the contracted mastoid in the translabyrinthine removal of acoustic neuroma. **Arch Otolaryngol Head Neck Surg** 123(3): 342-344, 1997.
38. Ghobashy A, Tew JM Jr, van Loveren HR, Pensak ML, Keith R: The continuing role for retrosigmoid suboccipital approach for management of acoustic schwannoma. **Egypt J Neurol Neurosurg, Psychiatry** 33:235-243, 1997.
39. Pensak ML, Nestok Br, van Loveren HR, Shumrick KA: Desmoplastic fibroma of the temporal bone. **Am J Otol** 18:627-631, 1997.
40. Gruber DP, Zimmerman GA, Tomsick TA, van Loveren HR, Link MJ, Tew JM: A comparison between endovascular and surgical management of basilar apex aneurysms. **J Neurosurg** 90:868-874, 1999.
41. Tauber M, van Loveren HR, Jallo G, Romano A, Keller JT: The enigmatic foramen lacerum. **Neurosurgery** 45:386-393, 1999.
42. van Loveren HR, Aziz KA: Primary lymphoma of Meckel's cave mimicking trigeminal schwannoma: Case report. **Neurosurgery** 44:859-863, 1999.
43. Friedman RA, Pensak ML, Osterhaus D, Tew JM, van Loveren HR: Trigeminal Schwannomas: the role of the neurotologist in multidisciplinary management. **Otolaryngol Head Neck Surg** 120:355-360, 1999.
44. Ernst R, Bulas R, Tomsick T, van Loveren HR, Aziz KA: Three cases of dural arteriovenous fistula of the anterior condylar vein within the hypoglossal canal. **AJNR Am J Neuroradiol** 20:2016-2020, 1999

45. Zuccarello M, Brott T, Derex L, Kothari R, Sauerbeck L, Tew J, van Loveren H, Yeh H-S, Tomsick T, Pancioli A, Khoury J, Broderick J: Early surgical treatment for supratentorial intracerebral hemorrhage: A randomized feasibility study. **Stroke** 30:1833-1839, 1999.
46. Aziz KA, van Loveren HR, Tew JM Jr, Chicoine MR: The Kawase approach to retrosellar and upper-clival basilar aneurysms. **Neurosurgery** 44:1225-1234, 1999.
47. Sanan A, van Loveren HR: The arachnoid and the myth of Arachne. **Neurosurgery** 45:152-157, 1999.
48. Osterhus DR, van Loveren HR, Friedman RA: Trigeminal schwannoma. **Am J Otol** 20(4):551-2, 1999.
49. Sanan A, Aziz KA, Janjua R, van Loveren HR, Keller JT: Colored silicone injection for use in neurosurgical dissections - Technical note. **Neurosurgery** 45:1267-1274, 1999.
50. Kim JM, Romano A, Sanan A, van Loveren HR, Keller JT: Microsurgical anatomic and nomenclature of the paraclinoid region. **Neurosurgery** 46:670-682, 2000.
51. Patel S, Breneman JC, Warnick RE, Albright RE, Tobler WD, van Loveren HR, Tew JM Jr: Permanent iodine-125 interstitial implants for the treatment of recurrent glioblastoma multiforme. **Neurosurgery** 46:1123-1128, 2000.
52. Abdel Aziz, KM, Sanan A, van Loveren HR, Tew JM Jr, Keller JT, Pensak ML: Petroclival meningiomas: Predictive parameters for transpetrosal approaches. **Neurosurgery** 47:139-152, 2000.
53. Romano A, Zuccarello M, van Loveren HR, Keller JT: Expanding the boundaries of the transsphenoidal approach: A microanatomic study." **Clin Anat** 14:1-9, 2001.
54. Petroclival meningioma: case history and responses. Al-Mefty O, Sekhar LN, Sen C, van Loveren HR. **Skull Base**. 2001 May;11(2):143-8.
55. Intraoperative Imaging to determine the extent of resection of pituitary macroadenomas during transphenoidal microsurgery. Bohinski RJ, Warnick RI, Gaskill-Shipley MF, Zuccarello M, van Loveren HR, Kormos DW, Tew JM Jr: **Neurosurgery** 49(5): 1133-43, 2001
56. The One-Piece Orbitozygomatic Approach: The MacCarty Burr Hole and the Inferior Orbital Fissure as Keys to Technique and Application. Abdel Aziz, KM, Froelich SC, Cohen PL, Sanan A, Keller JT, van Loveren HR: **Acta Neurochirurgica** 144:15-24, 2002.
57. Facial nerve neuromas: report of 10 cases and review of the literature. Sherman JD, Dagnew E, Pensak ML, van Loveren HR, Tew JM Jr: **Neurosurgery** 50(3): 450-6, 2002 (Review)
58. Acute Foramen Magnum Syndrome Caused by Acquired Chiari Malformation Following Lumbar Drainage of Cerebrospinal Fluid. Dagnew E, van Loveren HR, Tew JT: **Neurosurgery** 51:823-829, 2002



59. Malignant skull base teratoma. Van Loveren H, Youseff S, Morcos JJ. **Skull Base**. 2002 Nov;12(4):221-5.
60. Indications for Endovascular Therapy for Refractory Vasospasm after Aneurysmal Subarachnoid Hemorrhage: Experience at the University of Cincinnati. Andaluz N, Tomsick T, Tew J, van Loveren H, Yeh HS, Zuccarello M: **Surg. Neurol.** 58:131-8, 2002
61. Subtonsillar Approach to the Foramen of Luschka: An Anatomic and Clinical Study. Jean WC, Abdel Aziz KM, Keller JT, van Loveren HR. **Neurosurgery** 52:860-866, 2003
62. Anatomic and Clinical Study of the Orbitopterional approach to Anterior Communicating Artery Aneurysms. Andaluz N, van Loveren HR, Keller JT, Zuccarello M. **Neurosurgery** 52: 1140-1149, 2003
63. The One-Piece Orbitopterional Approach. Andaluz N, van Loveren HR, Keller JT, Zuccarello M. **Skull Base**. 2003 Nov;13(4):241-45.
64. The Carotid-Oculomotor Window in Exposure of Upper Basilar Artery Aneurysms: A Cadaveric Morphometric Study. Abdel Aziz KM, Kim EY, Keller JT, Zuccarello M, van Loveren HR: **Neurosurgery** 54(5): 1181-9, 2004
65. Large Sphenoid Wing Meningiomas Involving the Cavernous Sinus: Conservative Surgical Strategies for Better Functional Outcomes. Abdel Aziz, Khaled M., Froelich, Sebastien C., Dagnew, Elias, Jean, Walter, Breneman, John C., Zuccarello, Mario., van Loveren, Harry R., Tew, John M. Jr. **Neurosurgery** 54(6): 1375-1384, 2004
66. Transcranial Surgery for Pituitary Adenomas. Youssef AS, Agazzi S, van Loveren HR. *Operative Nuances*. **Neurosurgery** 57 [ONS Suppl 1]:ONS-168-ONS-175, 2005
67. Anterior skull base fractures. Kienstra MA, van Loveren H. **Facial Plast Surg**. 2005 Aug;21(3):180-6.
68. Microvascular Retractor: A New Concept of Retracting and Repositioning Cerebral Blood Vessels. Youssef AS, van Loveren HR. **Neurosurgery** 57[ONS Suppl 1]:ONS-199-ONS-202, 2005
69. The subtemporal interdural approach to dumbbell-shaped trigeminal schwannomas: cadaveric prosection. Youssef S, Kim EY, Aziz KM, Hemida S, Keller JT, van Loveren HR. **Neurosurgery**. 2006 Oct;59(4 Suppl 2): ONS270-7; discussion ONS277-8.
70. Clival incidentaloma. Nakaj P, van Loveren HR, Agazzi S, Teo C. **Skull Base**. 2006 Nov;16(4):219-22.
71. Safety and efficacy of a novel polyethylene glycol hydrogel sealant for watertight dural repair. Cosgrove GR, Delashaw JB, Grotenhuis JA, Tew JM, van Loveren H, Spetzler RF, Payner T, Rosseau G, Shaffrey M, Hopkins LN, Byrne R, Norbash A.



- J. Neurosurg** 2007 Jan;106(1):52-8.
72. Novel application of computer-assisted cisternal endoscopy for the biopsy of pineal region tumors: cadaveric study. Youssef AS, Keller JT, van Loveren HR. **Acta Neurochir** (Wien). 2007;149(4):399-406. Epub 2007 Feb 26.
73. Refinement of interbody implant testing in goats: a surgical and morphometric rationale for selection of a cervical level. Laboratory investigation. Agazzi S, van Loveren HR, Trahan CJ, Johnson WM. **J. Neurosurg Spine**. 2007 Nov;7(5):549-53.
74. Refinement of the extradural anterior clinoidectomy: surgical anatomy of the orbitotemporal periosteal fold. Froelich SC, Aziz KM, Levine NV, Theodosopoulos PV, van Loveren HR, Keller JT. **Neurosurgery**. 2007 Nov;61 (5 Suppl 2): 179-85L discussion 185-6.
75. Evolution in the assessment and management of trigeminal schwannoma. Guthikonda B, Theodosopoulos PV, van Loveren H, Tew JM Jr, Pensak ML. **Laryngoscope**. 2008 Feb;118(2):195-203.
76. Navigating cellular repair for the central nervous system. Sanberg PR, Willing AE, Garbuzova-Davis S, Bickfor PC, van Loveren H, Klasko SK, Sanberg CD, Borlongan CV, Eve DJ. **Clin Neurosurg**. 2008;55:133-7. Review.
77. Quantification of the frontotemporal orbitozygomatic approach using a three-dimensional visualization and modeling application. D'Ambrosio AL, Mocco J, Hankinson TC, Bruce JN, van Loveren HR. **Neurosurgery**. 2008 Mar;62(3 Suppl 1):251-60: discussion 260-1.
78. Sudden blindness as a complication of percutaneous trigeminal procedures: mechanism analysis and prevention. Agazzi, S, Chang S, Drucker MD, Youssef AS, van Loveren HR. **J. Neurosurg**. 2009 Apr;110(4):638-41.
79. Microsurgical and endoscopic anatomy of Lilliequist's membrane: a complex and variable structure of the basal cisterns. Froelich SC, Abdel Aziz KM, Cohen PD, van Loveren HR, Keller JT. **Neurosurgery**. 2008 Jul;63(1 Suppl 1):ONS1-8; discussion ONS8-9.
80. Delayed extrusion of hydroxyapatite cement after transpetrosal reconstruction. Kerr RG, Hearst MJ, Samy RN, van Loveren HR, Tew JM Jr, Pensak ML, Theodosopoulos PV. **Neurosurgery**. 2009 Mar;64(3):527-31;discussion531-2.
81. Posterior Clinoidectomy: Dural Tailoring Technique and Clinical Application. Youssef AS, van Loveren HR. **Skull Base**. 2009 May;19(3):183-91
82. Severity of controlled cortical impact traumatic brain injury in rats and mice dictates degree of behavioral deficits. Yu S, Kaneko Y, Bae E, Stahl CE, Wang Y, van Loveren H, Sanberg PR, Borlongan CV. **Brain Res**. 2009 Sep 1;1287:157-63. Epub 2009 Jun 30.

83. Quantitative analyses of matrix metalloproteinase activity after traumatic brain injury in adult rats. Hayashi T, Kaneko Y, Yu S, Bae E, Stahl CE, Kawase T, van Loveren H, Sanberg PR, Borlongan CV. **Brain Res.** 2009 Jul 14;1280:172-7. Epub 2009 May 21.
84. Graft selection in cerebral revascularization. Baaj AA, Agazzi S, van Loveren H. **Neurosurg Focus.** 2009 May;26(50):E18. Review.
85. Surgical management of moyamoya disease: a review. Baaj AA, Agazzi S, Sayed ZA, Toledo M, Spetzler RF, van Loveren H. **Neurosurg Focus.** 2009 Apr;26(4):E7. Review.
86. Insertion of intracranial pressure monitors in fulminant hepatic failure patients: Early experience using recombinant factor VII. Le,TV, Rumbak, MJ, Liu SS, Alsina AE, van Loveren, H, Agazzi, S. **Neurosurgery.** 66(3):455-458, discussion 458, 2010
87. The safety and effectiveness of a dural sealant system for use with nonautologous duraplasty materials. Wienstein JS, Liu KC, Delashaw JB Jr., Burchiel KJ, van Loveren HR, Vale FL, Agazzi S, Greemberg MS, Smith DA, Tew J Jr. **J. Neurosurg.** 2010 Feb;112(2):428-33.
88. The Anterolateral Approach for the Transcranial Resection of Pituitary Adenomas: Technical Note. Agazzi S, Youssef AS, van Loveren HR. **Skull Base** 2010 May;20(3):143-8.
89. Management of the great mimicker: Meckel cave tumors. Janjua RM, Wong KM, Parekh A, van Loveren HR. **Neurosurgery.** 2010 Dec;67(2 Suppl Operative):416-21.
90. Interfascial technique for vertebral artery exposure in the suboccipital triangle: the road map. Youssef AS, Uribe JS, Ramos E, Janjua R, Thomas LB, van Loveren H. **Neurosurgery.** 2010 Dec;67(2 Suppl Operative):355-61.
91. Life without the vein of Galen: Clinical and radiographic sequelae. Youssef AS, Downes AE, Agazzi S, van Loveren HR. **Clin Anat.** 2011 Sep;24(6):776-85.
92. Paradoxical trends in the management of unruptured cerebral aneurysms in the United States: analysis of nationwide database over a 10-year period. Huang MC, Baaj AA, Downes K, Youssef AS, Sauvageau E, van Loveren HR, Agazzi S. **Stroke** 2011 JUN; 42(6):1730-5, Epub 2011 Apr 14.
93. Phosphoproteomic analysis of mouse thymoma cells treated with tributyltin oxide: TBTO affects proliferation and energy sensing pathways. Osman AM, van Loveren H. **Toxicol Sci.** 2012 Mar;126(1):84-100.
94. Cyclosporin-A as a neuroprotective agent against stroke: Its translation from laboratory research to clinical application. Osman MM, Lulic D, Glover L, Stahl CE, Lau T, van Loveen H, Borlongan CV. **Neuropeptides.** 2011 Dec;45(6):359-68.
95. A review of laboratory and clinical data supporting the safety and efficacy of cyclosporine a in traumatic brain injury. Lulic D, Burns J, Bae EC, van Loveren H, Borlongan CV. **Neurosurgery.** 2011 May;68(5):1172-86
96. A multicenter, single-blind, prospective randomized trial to evaluate the safety of a

- polyethylene glycol hydrogel (Duraseal Dural Sealant System) as a dural sealant in cranial surgery. Osbun JW, Ellenbogen RG, Chesnut RM, Chin LS, Connolly PJ, Cosgrove GR, Delashaw JB Jr., Golfinos JG, Greenlee JD, Haines SJ, Jallo J, Mulzelaar JP, Nanda A, Shaffrey M, Shah MV, Tew JM Jr., van Loveren HR, Weinand ME, White JA, Wilberger JE. **World Neurosurg.** 2012 Nov;78(5):498-504.
97. Immediate, but not delayed, microsurgical skull reconstruction exacerbates brain damage in experimental traumatic brain injury model. Glover LE, Tajiri N, Lau T, Kaneko Y, van Loveren H, Borlongan CV. **Plos One.** 2012 March 16.
98. Nestin overexpression precedes caspase-3 upregulation in rats exposed to controlled cortical impact traumatic brain injury. Kaneko Y, Tajiri N, Yiu S, Hayashi T, Stahl CE, Bae E, Mestre H, Franzese N, Rodrigues A Jr, , Rodrigues MC, Ishikawa H, Shinozuka K, Hethorn W, Weinbren N, Glover LE, Tan J, Achyuta AH, van loveren H, Sanberg PR, Shivsankar S, Borlongan CV. **Cell Med.** 2012;4(2):55-63.
99. Paradoxical trends in the management of vestibular schwannoma in the United States. Lau T, Olivera R, Miller T Jr, Downes K, Danner C, van Loveren HR, Agazzi S. **J Neurosurg** 2012 Sep;117(3):514-9.
100. The frontotemporal-orbitozygomatic approach: reconstructive technique and outcome. Youssef AS, Willard L, Downes A, Olivera R, Hall K, Agazzi S, van Loveren H. **Acta Neurochir (Wien).** 2012 Jul;154(7):1275-83. Epub 2012 May 11
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20. Transcavernous Approach to the Basilar Apex: A Cadaveric Prosection  
Jonathan N Sellin, Visish M Srinivasan, Jovany C Navarro, Hunt H Batjer, Harry van Loveren, Edward A Duckworth.  
Monitoring Eidtor: Alexander Muacevic, John R Adler  
**Cureus** v.10(2); 2018 Feb. PMC5908389
21. The Benefits of Coaching in the Ultimate Contact Sport: Neurosurgery  
van Loveren HR, Yusuf FR, Paidas CN.  
CNS Quarterly, Spring Edition 2018. A publication of the Congress of Neurological Surgeons
22. The MAB Corner: Radiofrequency Rhizotomy  
Harry van Loveren MD  
**Journal of The Facial Pain Association Quarterly**  
Fall-Winter 2018 Pgs. 17-18
23. Memento Mori – Remember, Thou Art Mortal:  
Executive Coaching for Department Chairs: The Five Stages of Chair Tenure  
CSN Quarterly, Fall Edition 2020. A publication of the Congress of Neurological Surgeons  
Pgs. 12-15

## Published Abstracts

1. van Loveren HR, Keller JT, Saunders MC. Identification of motoneurons innervating the levator veli palatini muscle in the cat. *Soc. Neurosci.* 8:250-7. 1982 (abstract).
2. Smith R, van Loveren HR: Chronic Cluster Headache Symptoms Relieved by Removal of Hypothalamic Hamartoma. **Cephalgia** 13: 1993 (abstract).
3. Keller JT, Bouthillier A, van Loveren HR: Segments of the internal carotid artery: Reevaluation and clarification of the Fischer classification. **Skull Base Surg** 1:12, 1995 (abstract).
4. Larson JJ, deTribolet N, Tew JM Jr, van Loveren HR, Warnick RE, Menon AG: Evidence for the clonal origin of primary and recurrent meningiomas and their malignant transformation. **J Neurosurg** 82:346A, 1995 (abstract).

5. Larson JJ, van Loveren HR, Balko GM, Tew JM Jr: Evidence of meningioma invasion into cranial nerves: Clinical implication for cavernous sinus meningiomas. **J Neurosurg** 82:360A, 1995 (abstract).
6. Mahmood A, Keller JT, van Loveren HR: Orbitozygomatic Approaches to Skull Base Lesions. **Skull Base Surg** 1:19, 1995 (abstract).
7. Larson JJ, Tew JM, Tomsick TA, van Loveren HR: Treatment of Aneurysms of the Internal Carotid Artery by Intravascular Balloon Occlusion: Long-term Follow-up of 58 Cases. **Year Book of Neuroradiology** 1995 (abstract).
8. Sathi S, Mascott CR, Liu SS et al: Recurrence of arteriovenous malformation in children. **J Neurosurg** 84:364a-365a, 1996 (abstract).
9. Keller JT, Weiner NE, van Loveren HR: Nomenclature of the internal carotid artery: Anatomical and clinical observations. **Clin Anat** 12(3): 204, 1999 (abstract).
10. Aziz KA, Froelich SC, Sanan A, van Loveren HR, Breneman JC, Tew JM: Reversal of Cranial Nerve Deficits After Radiosurgery for Cavernous Sinus Meningiomas. **Skull Base Surg** 11 (suppl 1):1, 2001 (abstract).
11. Cohen PL, Aziz KA, Froelich SC, van Loveren HR, Keller JT, Tew JM: Predictors of operative exposure with frameless stereotactic guidance in the posterior petrosectomy. **Skull Base Surg** 11 (suppl 1):8, 2001 (abstract).
12. Froelich SC, Aziz KA, Cohen PL, Jean WC, Fouyas IP, Keller JT, van Loveren HR: Extradural anterior clinoidectomy: Technical note and refinement. **Skull Base Surg** 11 (suppl 1):16, 2001 (abstract).
13. Aziz KA, Froelich SC, Cohen PL, Sanan A, van Loveren HR, Keller JT, Tew JM: The one-piece orbitozygomatic approach: The maccarty burr hole and the inferior orbital fissure as keys to technique and application. **Skull Base Surg** 11 (suppl 1):1, 2001 (abstract).
14. Froelich SC, Aziz KA, Cohen PL, van Loveren HR, Keller JT: Lilliequist's membrane: A complex and variable structure of the basal cistern-microsurgical anatomy for neuroendoscopic surgery. **Skull Base Surg** 11 (suppl 1):17, 2001 (abstract).
15. Froelich SC, Aziz KA, Cohen PL, Keller JT, van Loveren HR: Surgical resectability of meningioma invading the caverno-orbital junction: Anatomical and clinical study. **Skull Base Surg** 11 (suppl 1):17, 2001 (abstract).
16. Staples M, Kaneko Y, Tajiri N, Freeman TB, van Loveren H, Kim SU, Borlongan CV: Bone Marrow-Derived Stem Cell Therapy for the Repair of the Blood-Brain Barrier in Metastatic Brain Cancers. *Cell Transplantation* Vol 23, Number 6, 2014 Pg. 784 (abstract).

## Research Experience

1. Principal Investigator: Phase II Dose Escalation Study of U-74,006F in Moderate and Severe Head Injured Patients. (30206)
2. Principal Investigator: #89-10-11-1 "Phase III Efficacy Study of U-74,00F in Moderate and Severe Head Injury
3. Co-Investigator: Evaluation of Tissue Plasminogen Activator in the Prevention of Cerebral Vasospasm after Subarachnoid Hemorrhage.
4. Co-Investigator: Randomized Trial of Nicardipine in Subarachnoid Hemorrhage Study.
5. Co-Investigator: Intrathecal Morphine.Co-Investigator: Analysis of c-FOS Proto-Oncogene mRNA, Neurotransmitter, Neuromodulator Expression and Opiate Receptors in Human Nervous Tissue.



6. Co-Investigator: Effect of CRH on the Pulsatile Release of GnRH from the MBH of the Human in an In Vitro Perfusion System.
7. Co-Investigator: International Study of Unruptured Intracranial Aneurysms.
8. Co-Investigator: Molecular Biology of Central Nervous System Tumors; Retrospective Acquisition of Tumor Tissue and Correlative Patient Follow-Up
9. Co-Investigator: Multicenter Study to Evaluate the Safety and Effectiveness of PEG - Superoxide Dismutase (PEG-SOD) in Severe Closed Head Injury
10. Principal Investigator: Efficacy of Lazeroid in Subarachnoid Hemorrhage
11. Co-Investigator: Efficacy of Intracisternal Papaverin in Subarachnoid Hemorrhage
12. Co-Investigator: RTOG 90-05 Phase I Study of Small Field Stereotactic External Irradiation for the Treatment of Recurrent Primary Brain tumors and CNS Metastases.
13. Co-Investigator: RTOG 91-04 Phase III Comparison of Accelerated Hyperfractionation vs. Standard Fractionation in Patients with Brain Metastases.
14. Co-Investigator: RTOG 91-10 Phase III Evaluation of Postoperative Radiation in Low Grade Supratentorial Astrocytoma and Oligodendroglioma.
15. Co-Investigator: RTOG 93-05 Phase III Trial Comparing the Use of Radiosurgery Followed by Conventional Radiotherapy with BCNU to Conventional Radiotherapy with BCNU for Supratentorial Glioblastoma Multiforme.
16. Co-Investigator: RTOG 94-04 Phase III Randomized Study of Radiotherapy with or without BUdR, Plus Procarbazine, CCNU and Vincristine (PCV) for the Treatment of Anaplastic Astrocytomas.
17. North American SAH Study (NASAH): Efficacy/Safety Study of Tirilazad Mesylate in Patients with Subarachnoid Hemorrhage (P/2700/0029). 6/93-7/94. Investigator: van Loveren HR. Amount \$156,000
18. A Safety Study of Tirilazad Mesylate (6 vs 10 mg/kg/day) in Male Patients with Subarachnoid Hemorrhage (SAH P/2700/0062). 6/95-12/96. Principal Investigator: Zuccarello M. Co-Investigator: van Loveren HR. Amount \$81,000
19. A Safety Study of Tirilazad Mesylate (6 vs 10 mg/kg/day) in Female Patients with Subarachnoid Hemorrhage (SAH P/2700/0063). 6/95-12/96. Principal Investigator: Zuccarello M. Co-Investigator: van Loveren HR. Amount \$100,000
20. Efficacy Study of Tirilazad Mesylate in Moderate to Severe Head Injury (M/2700/0017). 6/95-12/96. Principal Investigator: van Loveren HR. Amount \$104,700
21. Gene Therapy for the Treatment of Recurrent Glioblastoma Multiforme with In vivo Tumor Transduction with the Herpes Simplex Thymidine Kinase Gene/Ganciclovir System (GTI 0103). 10/95-6/96. Principal Investigator: Warnick RE. Co-Investigator: van Loveren HR. Amount \$57,800
22. A Phase III Prospective, Open Label, Parallel Group, Randomized, Multicenter Trial Comparing the Efficacy of Surgery, Radiation, and Injection of Murine Cells Producing Herpes Simplex Thymidine Kinase Vector Followed by Intravenous Ganciclovir Against the Efficacy of Surgery and Radiation in the Treatment of Newly Diagnosed, Previously Untreated Glioblastoma (GTI 0115) 3/96-1/98. Principal Investigator: Warnick RE. Co-Investigator: van Loveren HR. Amount \$51,700

23. Research Allocation Grant: Efficacy and Safety of the Hitachi AIRIS II Interventional MRI. Principal Investigator: Warnick RE, Co-Investigator: van Loveren HR. 1999
24. A Multi-Center Clinical Trial of The Efficacy and Safety of FocalSeal-S Surgical Sealant System for Reduction of Cerebrospinal Fluid Leaks Following Cranial Neurosurgery (D9901). (Focal Inc.) 9/99-7/00. Principal Investigator: van Loveren HR. Co-Investigators: Tew JM, Zuccarello M, Pensak, ML. Amount \$40,000
25. Phase I/II Study of DTI-015 for Recurrent Glioblastoma Multiforme. (Direct Therapeutics Inc.) Principal Investigator: Warnick RE, Co-Investigator: van Loveren HR. 2000
26. Aneurysm Regrowth after Endovascular Therapy: Prediction and Prevention. (TNI) Principal Investigator: Ringer AJ. Co-Investigator: van Loveren HR. 2002. \$25,000
27. Phase III prospective, intra-operative endpoint, non-randomized trial with descriptive statistical controls. *A Multi-center trial to Evaluate the DuraSeal Dural Sealant System as an Adjunct to Sutured Dural Repair During Cranial Surgery* Confluent Surgical, Inc. Protocol DRS-03-002. DuraSeal Study. (Confluent Inc., Boston, Mass.) 10/2003-10/2004 Principle Investigator: van Loveren HR. Co-Investigator: Vale, F. Amount \$202,000.
28. Phase 2, Multicenter, Exploratory Study, Evaluating the Treatment Effect of Surgery plus GLIADEL Wafer in Patients with Metastatic Brain Cancer. MGI Pharma (Eisai), Protocol # GLIA-001. Principal Investigator: van Loveren HR
29. A Randomized, Double-Blind, Placebo-Controlled Phase 3 Study to Investigate the Efficacy and Safety of Progesterone in Patients with Severe Traumatic Brain Injury. BHR Pharma, LLC, Protocol # BHR-100-301 Drug Phase 3. Sub-Investigator: van Loveren HR
30. HyperBranch Medical Technology, Inc., Protocol #:HBM-T-2010-001 Title: A Pivotal Clinical Trial Evaluating the Safety and Effectiveness of Adherus Dural Sealant When Used as a Dural Sealant in Cranial Procedures. Principal Investigator: van Loveren HR
31. NIH/NINDS – Title: Clot Lysis: Evaluating Accelerated Resolution of Intraventricular Hemorrhage - CLEAR III. Sub-Investigator: van Loveren.

### **Visiting Professorships and Named Lectures**

1. Clinica del Sol, Buenos Aires, Argentina: 1989
2. The National Hospital for Neurology and Neurosurgery, London, England: 1991
3. University of Pittsburgh, Pittsburgh, PA: 1991
4. *The Gurjian Lecturer*: Visiting Professor & Guest Surgeon, Wayne State University, MI: 1993
5. The National Institute of Neurology, Neurosurgery and Neuroscience, Mexico City, Mexico: 1993
6. First International Skull Base Course, Mexico City, Mexico: 1994
7. Ain Shams University, Cairo, Egypt: 1994

8. University of Texas Southwestern Medical Center, Dallas, Texas 1995
9. Hospital Juary DeMexico, Mexico City, Mexico: 1996
10. Yamaguchi University, Yamaguchi, Japan: 1997
11. Samsung Medical Center, Seoul, Korea: 1997
12. University of Chicago, Chicago, IL: 1998
13. University of Alexandria, Egypt: 1998
14. University of Illinois, Peoria, IL: 1998
15. University of Pittsburgh, Pittsburgh, PA: 1999
16. Stanford University, Stanford, CA: 1999
17. University of Michigan Medical Center, Ann Arbor, MI: 2000
18. Louisiana State University, Shreveport, LA: 2000
19. Northwestern University, Chicago, IL: 2000
20. Rush University, Chicago, IL: 2000
21. University of South Florida, Tampa, FL 2002
22. Johns Hopkins University Hospital, Baltimore, Md. 2005
23. Henry Ford Health System, Detroit, Michigan 2005
24. Georgetown University, Washington D.C. 2006
25. University of Puerto Rico, San Juan, Puerto Rico 2007 (2/23/2007)
26. Columbia University, New York City, New York 2008 (7/17/2008)
27. Baylor University, Houston, Texas 2010 (5/14/2010)  
M.D. Anderson Cancer Center, Houston Texas 2010 (5/14/2010)
28. Mayo Clinic, Rochester, Minnesota 2011 (3/13-3/14/2011)
29. University of Texas Southwestern Medical Center. Dallas, Texas. 2012 (1/5-6/2012)
30. University of California San Francisco. San Francisco, California. 2012 (1/26/2012)  
The Linda A. Wolfe Memorial Meningioma Lecturer
31. Vanderbilt University Medical Center, Nashville, Tennessee. 2012 (4/5-6/2012)
32. Weill-Cornell University, New York City, New York 2014 (4/30/2014)
33. The Lyerly Lecturer 2014. Florida Neurosurgical Association. Palm Beach, Florida.  
(8/23/2014)
34. The 23d Annual Campbell Lecturer 2016. Goodman, Campbell Neuroscience Institute at the  
University of Indiana. Indianapolis, Indiana (10/5/2016)
35. Georgetown University, Washington D.C. 2017 (3/16/2017)
36. University of Pennsylvania, Philadelphia, Pennsylvania (5/8/2017)
37. Louisiana State University, Shreveport, Louisiana (1/12/2018)
38. Louisiana State Neurosurgical Society (LANS) 43d Annual Meeting. Keynote Speaker  
(1/13/2018)
39. Johns Hopkins University, Baltimore, Maryland. 3/28/2018
40. Barrow Neurological Institute, Phoenix, Arizona 9/21/2018
- 41.

**Honored Guest:**

1. The Korean Neurosurgical Society, Seoul, Korea: 1997
2. The Egyptian Society of Neurological Surgeon (ESNS) Hurgada, Egypt 2009
3. The Triological Society, Phoenix, Arizona 2010
4. The North American Skull Base Surgery Society, Tampa, Florida 2015

**PRESENTATIONS: International**

1. a). *A 10-Year Experience in the Treatment of Trigeminal Neuralgia.*  
b). *Comparison of Percutaneous Stereotaxic Rhizotomy and Posterior Fossa Exploration.*  
Second Postoperative Practical Course on Pain Therapy  
Vincenza, Italy. 9/24-10/2/1982
2. *Chronic Cluster Headache Symptoms Relieved by Removal of Hypothalamic Hamartoma.*  
VI International Headache Conference  
Paris, France 8/26-29/1983.
3. *Thalamic Stimulation: Effects on Deafferentation Pain and Movement Disorders*  
International Symposium on Pain  
Hannover, West Germany: 2/18-20/1985
4. *Treatment of Cavernous Aneurysms by Navigational Balloon Technique.*  
Aneurysm Workshop  
Nagoya, Japan: 3/1986
5. a). *Complete Excision of Thalamic Arteriovenous Malformations.*  
b). *Cryptic Vascular Malformation of the Brainstem: Diagnosis and Management.*  
Symposium on Advances in Neurosurgery  
Buenos Aires, Argentina: 3/19/1989
6. *The Surgical Approach to Benign Tumors of the Cavernous Sinus.*  
Neurosurgical Society of America.  
Hamilton, Bermuda: 5/10-13/1989
7. a). *Severe Head Injury: Non-Surgical Management.*  
b). *Spinal Cord Injury: Non-Surgical Early Management.*  
Symposium on Emergency and Intensive Care in Neurological and Neurosurgical Patients  
The National Institute of Neurology and Neurosurgery.  
Mexico City, Mexico: 7/24-27/1991
8. *The Lateral Approach to the Craniocervical Junction.*  
International Transoral and Craniocervical Workshop.  
The National Hospital for Neurology and Neurosurgery.  
London, England: 9/18/1991

9. *The Surgical Anatomy of the Cavernous Sinus.*  
North American Skull Base Society.  
Acapulco, Mexico. 2/15-20/1992
10. *Neurosurgical Applications of LeFort I Osteotomy.*  
Annual Meeting of the Japanese Neurosurgical Society.  
Osaka, Japan: 4/20/1992
11. *Neurosurgical Applications of LeFort I Osteotomy.*  
Grand Rounds presentation to Department of Neurosurgery, Osaka City Hospital.  
Osaka, Japan: 4/21/1992
12. *Microsurgical Anatomy and Operative Approaches through the Temporal Bone.*  
12<sup>th</sup> Annual Meeting of the Japanese Congress of Neurosurgeons  
Nigata, Japan: 4/23-25/1992
13. *Cavernous Sinus Anatomy.*  
The 6<sup>th</sup> Microsurgical Anatomy Seminar.  
Nigata, Japan: 4/25/1992
14. a). *Anatomical Principles of Skull Base and Posterior Fossa Surgery: Brain Stem Vascular Malformations.*  
b). *A Neurosurgeons View of Craniofacial Malignancy.*  
c). *Anatomical Principles of CNS Tumor Surgery: Anterior Skull Base Surgery.*  
d). *Lateral Skull Base Surgery, Orbital and Parasellar Tumors*  
Congress of Neurological Surgeons.  
Vancouver, British Columbia 10/2-7/1993
15. *Desmoplastic Fibroma of the Temporal Bone*  
The American Laryngological, Rhinological and Otological Society.  
Ottawa, Ontario, Canada. 1/29/1994
16. a). *Cavernous Sinus Meningioma: Defining the Role of Neurosurgery.*  
Presentation on 2/7/1994  
b). *Acoustic Neuroma Surgery.*  
Thesis Advisor and Member of Review Board for Thesis Defense of Ashraf Ghobashy, M.D.  
Thesis Defense on 2/8/1994  
Department of Neurosurgery, Ain Shams University.  
Cairo, Egypt: February 1994
17. *A New Classification of the Segments of the Internal Carotid Artery*  
Quebec Neuroscience Meeting,  
Vaudreuil, Quebec, Canada: 10/14-15/1994
18. a). *Resection of Craniofacial Tumors.*  
b). *Anterior and Posterior Petrosectomy.*  
c). *Lesions of the Cavernous Sinus.*  
d). *Meningiomas of the Cavernous Sinus.*  
e). *Transfacial Approach to Tumors of the Clivus.*  
First International Skull Base Course, Mexico City, Mexico: 11/3-5/1994

19. *Trauma and Vertebral Dissection: Clinical and Therapeutic Implications in 19 Cases.* (Poster Only)  
10<sup>th</sup> European Congress of Neurosurgery.  
Berlin, Germany 5/7-12/1995.
20. *A Randomized, Double-Blind Trial of Intracisternal Papaverine Hydrochloride for the Prevention of Cerebral Vasospasm.*  
Congress of Neurological Surgeons Meeting.  
Montreal, Quebec, Canada: 9/28-10/31/1996
21. *The Surgical Anatomy of the Parasellar Meninges.*  
11<sup>th</sup> Seminar of Microsurgical Anatomy.  
Satellite Seminar of the Japanese Congress of Neurosurgeons.  
Kyoto, Japan. 3/17/1997
22. *Petrosectomy as an Adjunct to Surgery of Aneurysms and Tumors.*  
Visiting Professor, Yamaguchi University.  
Yamaguchi, Japan. 3/19-20/1997
23. a). *Trigeminal Neuralgia—A Comparison of Surgical Treatment Outcomes.*  
b). *The Surgical Resectability of Cavernous Sinus Meningiomas.*  
c). *A Neurosurgical Perspective on Sinonasal Carcinoma.*  
d). *Skull Base Surgery—Meningioma.* (Critical Discussant)  
11<sup>th</sup> International Congress of Neurological Surgery.  
Amsterdam, The Netherlands: 7/6-10/1997
24. *A Comparison between Endovascular and Surgical Management of Basilar Apex Aneurysms.*  
59<sup>th</sup> Annual Meeting of the American Academy of Neurological Surgery jointly with  
The Canadian Neurosurgical Society, Banff, Canada: 9/10-13/1997
25. *The Surgical Resectability of Cavernous Sinus Meningioma.*  
Grand Rounds Presentation to the Department of Neurosurgery, Samsung Medical Center.  
Seoul, Korea: 10/15/1997
26. *Surgical Exposure of the Skull Base: Middle Cranial Fossa*  
Honored Guest Presentation to the Korean Neurosurgical Society.  
Seoul, Korea: 10/16-19/1997
27. a). *Orbitozygomatic and Petrous Apex Approaches.*  
b). *Craniomaxillofacial Skull Base Trauma and Reconstruction* (moderator)  
Congress of Craniofacial Skull Base Surgery & Management of Cranial Base Trauma  
  
Cancun, Mexico. 1/20-25/1998
28. a). *Innovative Strategies for the Management of Basilar Artery Aneurysms.*  
b). *The Evolution of Cavernous Sinus Surgery in Cincinnati.*  
Annual Meeting, Dept. of Neurosurgery, University of Alexandria,  
Alexandria, Egypt. 9/1998
29. a). *Petrosal Approach to Petroclival Meningioma.*  
b). *Sphenoid Wing Meningioma.*  
Annual Meeting of the Egyptian Society of Neurological Surgeons.  
Cairo, Egypt. 3/8-12/1999

30. a). *Impact of Skull Base Surgery on Cerebrovascular Surgery*  
 b). *Cavernous Sinus Approaches* (oral presentation with cadaveric demonstration)  
 c). *A Multi-Center Study to Evaluate a New, Synthetic, Absorbable Sealant as an Adjunct to Dural Repair During Cranial Surgery* (oral presentation)  
 d). *Subtemporal Interdural Approach to Dumbbell-Shaped Trigeminal Schwannomas: Cadaveric Prosection*  
 4<sup>th</sup> International Skull Base Congress.  
 Sydney, Australia 10/31/2004-11/4/2004
31. a). *Transcranial Pituitary Surgery: Has Skull Base Surgery Altered Indications?*  
 b). *Negative Exploration for Ophthalmic Segment Aneurysm*.  
 Futuristic Skull Base Surgery, Satellite Meeting.  
 Hayman Island, Australia 11/5-7/2004
32. *Anterior Fossa Reconstruction: Neurosurgical*  
 AO ASIF Advanced Symposium: Advances in Management of Craniomaxillofacial Surgery  
 (Controversies in Craniomaxillofacial Surgery)  
 Fairmont Chateau Whistler, Whistler, British Columbia 2/20-2/22, 2005
33. *Virtual Simulation to Select the Correct Surgical Approach and Strategy for Petroclival Meningiomas*  
 5<sup>th</sup> International Congress on Meningiomas and Cerebral Venous System.  
 Fuji Highland Resort Hotel, Fujiyoshida City, Japan 11/27-11/29/2006  
 (Presentation 11/28/2006)
34. *Surgical Approaches to the Tuberculum: "Lost in Translation"*  
 34<sup>th</sup> Annual Meeting of the Egyptian Society of Neurological Surgeon (ESNS) In Collaboration  
 with the American Association of Neurological Surgeons (AANS).  
 Hurgada, Egypt 3/4-7/2009. (Presentation on 3/5/2009).
35. a). *Surgery In and Around the Cavernous Sinus: State of the Art*  
 b). *Indications for Anterior Petrosectomy*  
 Microscopic and Endoscopic Approaches to the Skull Base  
 1<sup>st</sup> Cadaveric Training Course at IRCAD in Strasbourg, France  
 1/27-29, 2010 (Presentations on 1/27/2010 and 1/28/2010)
36. a). *Surgery in and Around the Cavernous Sinus*  
 b). *Combined approach and surgical strategy for petroclival meningiomas*  
 Microscopic and Endoscopic Approaches to the Skull Base  
 Cadaveric Training Course at IRCAD Taiwan.  
 Taichung, Taiwan. 9/22-24/2010 (Presentation on 9/22 and 9/23/2010)
37. *Respective Indications of the Pterional, full FTOZ, variations of FTOZ and Keyhole Surgical Approaches.*  
 Cadaveric Training Course at IRCAD Strasbourg.  
 Strasbourg, France 6/15-17/2011  
 (Presentation on 6/15/2011)
38. a). *Education and Acquisition of Skull Base Skills:*  
 b). *The Role of Cadaveric Dissection in Skull Base Training & The Issue of Special Accreditation for Skull Base Surgery*



- 6<sup>th</sup> International Congress of the World Federation of Skull Base Societies & 10<sup>th</sup> European Skull Base Society Congress.  
Brighton, UK 5/16-19/2012. (Presentation on 5/18/2012)
39. *Sphenoid Wing Meningiomas and the Benefit of Skull Base Approaches*  
15<sup>th</sup> WFNS World Congress of Neurosurgery  
COEX Convention Center, Seoul, Korea. 9/8-13/2013  
(Presentation on 9/10/2013)
40. *Kawase Approach: A Critical Analysis of its Use in Skull Base Surgery.*  
Microscopic and Endoscopic Approaches to the Skull Base  
Symposium and Cadaveric Dissection Course.  
IRCAD, Strasbourg, France. 6/23-25/2014  
Presentation on 6/24/2014
41. a). *New Technologies: Application of the iMRI to Skull Base Surgery*  
Presented on 6/26/2014  
b). *The Reduction of Cavernous Sinus Surgery to its Most Reasonable Elements*  
Presented on 6/27/2014.  
c). *The Neurosurgeon and the Sagittal Sinus: A Dural Tale.*  
Presented on 6/27/2014  
Meeting of the European Skull Base Surgery Society  
Paris, France. 6/26-28/2014
42. *Surgical Skull Base Approaches in the Era of Reason*  
15<sup>th</sup> Interim Meeting of the World Federation of Neurosurgical Societies  
Rome, Italy. 9/8-12/2015. Presentation on 9/11/2015
43. *Surgical Approaches to the Ventral Brainstem and Thalamus*  
6<sup>th</sup> Annual Meeting of the ISSBT  
Hangzhou, China 10/15-16/2016. Presentation on 10/16/2016

## PRESENTATIONS: National

1. *10-Year Experience in the Treatment of Trigeminal Neuralgia. Comparison of Percutaneous Stereotaxic Rhizotomy and Posterior Fossa Exploration.* (oral) American Association of Neurosurgeons Meeting, Boston, MA: 4/5-9/1981
2. *Identification of Motorneurons Innervating the Levator Palatini Muscle in the Cat.* (oral) Society of Neuroscience Meeting, Minneapolis, MN: 10/31-11/5/1982

3. *The Pathophysiology of Trigeminal Neuralgia and Atypical Facial Pain: A Neuroanatomical Perspective.* (oral) Congress of Neurological Surgeons Meeting, New York, NY: 1983
4. *Somatosensory Evoked Potentials in Trigeminal Neuralgia.*(oral) Annual Colorado Otology Audiology Workshop, Aspen, CO: 3/11/1985
5. *Management of Inoperable Cerebral Aneurysms by Navigational Balloon Technique.* (oral) Congress of Neurological Surgeons Meeting, Honolulu, HI: 9/29-10/4/1985
6. *Management of Proximal Internal Carotid Artery Aneurysms by Navigational Balloon Technique.* (oral)
7. American Association of Neurological Surgeons Meeting, New Orleans, LA: 4/13-17/1986
8. *Anterior Interbody Techniques.* (oral) Hilton Head Island Neurosurgical Symposium, Hilton Head Island, SC: 8/1986
9. *The Neodymium:YAG Laser: A Step Forward in the Treatment of Arteriovenous Malformation.* (oral) Neurosurgical Society of America Annual Meeting, Glendon Beach, OR: 5/10-13/1987
10. *Vertebral Artery Dissecting Aneurysms.* (oral)
11. *Thalamic AVMs Excised with the Nd:YAG Laser.* (oral) Hilton Head Island Neurosurgical Symposium, Hilton Head Island, SC: 8/6-8/1987
12. *Petroclival Tumors: A Matter of Approach.* (oral) Hilton Head Island Neurosurgical Symposium, Hilton Head Island, SC: 8/4-6/1988
13. *Neoplasms and Vascular Lesions of the Cavernous Sinus.* (oral) International Symposium on Cranial Base Surgery, Pittsburgh, PA: 9/13-27/1988
14. *Trigeminal Neuralgia Current Treatment Concepts.* (oral) Congress of Neurological Surgeons Meeting, Seattle, WA: 9/25-29/1988
15. *Cryptic Vascular Malformations of the Brainstem Diagnosis and Management.* (with Weil SM, van Loveren HR, Tew JM ) American Academy of Neurology Meeting, 10/1988.
16. *Tools for Spinal Lesions: Laser and Ultrasonic Aspiration.* (oral)
17. *An Approach to Petroclival Tumors.* (oral) Hilton Head Island Neurosurgical Symposium, Hilton Head, SC: 8/17-18/1989
18. *Anatomical Considerations for Surgery of the Cavernous Sinus.* (oral) Congress of Neurological Surgeons, Atlanta, GA: 10/29/1989
19. *Management of the Acoustic Neuroma in an Only Hearing Ear.* (with Pensak ML, Tew JM Jr, Keith RW)
20. *Surgical Anatomy of the Cavernous Sinus Region.* (with Keller JT)
21. *Management of Cavernous Sinus Invasion.* (Panel Discussion) First Annual Meeting of the North American Skull Base Society, Marina Del Ray, CA: 2/17-21/1990
22. *Neuroanatomical Considerations of the Skull Base.* (with Keller JT) Steamboat Neurosurgical Symposium, Steamboat, CO: 2/25/1990
23. *Management of Deep Cerebral Arteriovenous Malformations.* (oral) Visiting Professor at University of Pittsburgh, School of Medicine, Pittsburgh, PA: 3/12-13/1990
24. *Surgery of the Cavernous Sinus.* (oral) American Association of Neurological Surgeons meeting 4/28-5/3/1990
25. *Cavernous Sinus Tumors.* (panelist luncheon seminar with Sekhar LN, Ross DA, Al-Mefty O) Congress of Neurological Surgeons Annual Meeting, Los Angeles, CA: 10/22/1990
26. *Spontaneous Intracerebral Hemorrhage.* (moderator with Colohan ART, Zabramski JM, and Mangiardi JR) Congress of Neurological Surgeons Annual Meeting, Los Angeles, CA: 10/23/1990

27. *Anatomy of the Cavernous Sinus.* (with El-Kalliny M and Keller JT)
28. *Reconstruction of the Anterior Skull Base after Craniofacial Resection.* (with Freije J, Gluckman J, and McDonough J)
29. *Presigmoid Approach to Clival Tumors.* (with Tew JM Jr and El-Kalliny M) North American Skull Base Society Meeting, Lake Buena Vista, FL: 2/27-3/3/1991
30. *Transmaxillary Approaches to Extradural and Intradural Clival Lesions.* (with El-Kalliny and Tew JM Jr) Southern Neurosurgical Society Meeting, Sea Island, GA: 3/7-10/1991
31. *Application of MRI to Cases of SAH of Unknown Etiology.* (with Fick J, Tew JM Jr, and Tomsick) American Association of Neurological Surgeons Annual Meeting: 4/20-25/1991
32. Midas Rex Workshop, Course Director, Hawaii, 4/30-5/2/1991
33. *Surgical Treatment of Deep Brain Arteriovenous Malformations,* (oral), Pittsburgh, PA: 1991
34. *Application of MRI to Cases of SAH of Unknown Etiology.* (poster) American Association of Neurological Surgeons Annual Meeting 4/20-25/1991
35. *Tumors of the Lateral Wall of the Cavernous Sinus.* (oral) (with El-Kalliny M, Tew JM, and Keller JT) American Academy of Neurological Surgery, 7/9/91
36. *Anterior Approach to Cervical Disc Disease.* (oral) Hilton Head Island Neurosurgical Symposium, Hilton Head Island, SC: 8/23-25/1991
37. *Subtemporal Transpetrosal Approach to the Petrous Apex.* (with Pensak ML, Keith RW) American Otological Society, Inc., Palm Desert, CA: 4/12-13/1992
38. *Anterior Approaches to the Skull Base.* (oral) American Association of Neurological Surgeons Meeting, San Francisco, CA: 4/11-12/1992
39. *Skull Base Surgery* (oral) Congress of Neurological Surgeons Meeting, Washington, DC: 10/31-11/5/1992
40. *Transpetrosal Access to Meningiomas Juxtaposing the Temporal Bone.* (oral) Middle Section Meeting of the Triological Society, Chicago, IL: 1/23/1993
41. *A Rational Approach to the Treatment of Benign Cavernous Sinus Tumors.* (oral)
42. *The Gurjian Lecture 1993: The Transpetrosal Approach —A Case of Terminological Inexactitude.* (oral) Grand Rounds to Dept. of Neurosurgery, Wayne State University, Detroit, MI: 5/11-12/1993
43. *Post Herpetic Neuralgia.* (poster) International Association for the Study of Pain meeting, Scottsdale, AZ 8/21-26/1993.
44. *Desmoplastic Fibroma of the Skull Base.* (with Pensak MI, van Loveren HR, Shumrick KA) American Neurotology Spring meeting in West Palm Beach, FL 8/1993.
45. *Anterior Approaches to the Clivus: Avoidance of Complications.* (oral)
46. *Chordoma and Trigeminal Lesions.* (oral)
47. *Cavernous Sinus Meningiomas: Defining the Role of Neurosurgery.* (oral)
48. *Comparison of Conventional and Skull Base Surgical Approaches for the Excision of Trigeminal Neurinomas* (oral with Taha, JM, Tew JM, Keller JT, and El-Kalliny M) **North American Skull Base Society and German Skull Base Society Joint Annual Mtg.** Lake Buena Vista, FL: 2/18-23/1994
49. *The Role of Surgery and Radiosurgery for Benign Cavernous Sinus Tumors.* (oral)
50. *Microsurgical Anatomy of the Intracranial Portion of the Internal Carotid Artery* (oral with Bouthillier A).
51. *The Middle Cranial Fossa: New Boundaries for the Neurosurgeon* (oral with Bouthillier A). Mayfield Winter Neurosurgical Symposium, Snowmass, CO: 2/27-3/4/1994

52. *RF Rhizotomy-Posterior Fossa Approach* (oral with Tew JM, Taha J)  
*Skull Base Approaches to Tumors and Aneurysms* (oral with Sekhar L, Wright D, Keller J, Bouthillier A, Guthikonda M).  
*Surgical Approaches to the Anterior Skull Base* (panelist with Al-Mefty O, Black K, and Sekhar)  
*Complications of Cavernous Sinus Surgery* (panelist with Parkinson D, Dolenc V, and Fukushima)  
*Management of Brain-Stem Vascular Malformations: Postoperative Morbidity.* (poster)  
*Long-Term Evaluation of Cranial Nerve Function after Balloon Occlusion of Intracavernous Aneurysms.* (poster)  
**American Association of Neurological Surgeons Meeting**, San Diego, CA: 4/9-14/1994
53. *Management of Brain-Stem Vascular Malformations: Techniques to Reduce Postoperative Morbidity* (oral with Tew JM and Lewis A). Southern Neurosurgical Society Meeting, White Sulphur Springs, WV: 4/29-5/1/1994
54. *Skull Base Meningiomas: New Responsibilities of the Neurosurgeon.* (oral) Neurosurgical Society of America Meeting, Blaine, WA: 5/22-25/1994
55. *Trigeminal Neuralgia.* (oral) Congress of Neurological Surgery Annual Meeting, Chicago, IL: 10/1-6/1994
56. *Molecular Genetic Analysis of Dural Tail Meningiomas: Surgical Significance* (oral)  
*Management of Meningiomas Involving the Cavernous Sinus* (oral)  
*Segments of the Internal Carotid Artery: Reevaluation and Clarification of the Fischer Classification* (oral)  
*Evidence of Meningioma Invasion into Cranial Nerves: Clinical Implications for Cavernous Sinus Meningiomas* (oral)  
*Orbitozygomatic Approaches to Skull Base Lesions.* (Mahmood A, Keller JT, van Loveren HR) (poster)  
**Sixth Annual Meeting of the North American Skull Base Society**, Naples, FL: 2/18-21/95
57. *Sphenoid Wing Meningioma.* (oral)  
*Ophthalmic Segment Aneurysms.* (oral)  
*Trigeminal Neurinomas.* (oral)  
*Infraclinoidal Basilar Terminus Aneurysms.* (oral)  
*Trigeminal Neuralgia II.* (oral)  
**Mayfield Winter Neurosurgical Symposium**, Snowmass, CO: 2/17-3/4/1995
58. *Trigeminal Neuralgia.* (course)
59. *Application of the Transcondylar, Far Lateral, and Extreme Lateral Approaches* (course)
60. *Cavernous Sinus Surgery: Pitfalls and Complications* (Panelist).
61. *Evidence for the Clonal Origin of Primary and Recurrent Meningiomas and Their Malignant Transformation* (oral with Larson JJ, DeTribonet N, Tew JM, Warnick R, Menon A)
62. *Correlative Microvascular Anatomy as a Guide to Better Surgery* (Panelist).
63. *Evidence of Meningioma Invasion into Cranial Nerves: Clinical Implications for Cavernous Sinus Meningiomas* (oral with Larson JJ, Balko MG, and Tew JM)  
 American Association of Neurological Surgeons Annual Meeting, Orlando, FL: 4/22-27/1995
64. *How Can Academic Departments Compete Effectively?* (oral)  
*Market Dominance; Anti-Trust Issues* (oral)  
**Society of Neurological Surgeons**, Boston, MA: 5/7-10/1995

65. *Innovations in Cranial Approaches and Exposures: Anterolateral Approaches*. (oral) Congress of Neurological Surgery, San Francisco, CA: 10/14-19/1995
66. *C1-2 Fixation*. (oral)  
*The Mayfield Model and Its Response to Antitrust and Stark II Legislation*. (oral)  
*Petrosal Approach to Petroclival Meningiomas*. (oral)  
*Transfacial Approaches to Clival Tumors*. (oral)  
**Mayfield Winter Neuroscience Symposium**, Snowmass, CO: 2/24-3/1/1996
67. *Cavernous Sinus Surgery: Pitfalls and Complications*. (oral)  
*Correlative Microvascular Anatomy as a Guide to Better Surgery*. (oral)  
*Recurrence of Arteriovenous Malformation in Children*. (oral)  
**American Association of Neurologic Surgeons Meeting**, Minneapolis, MN: 4/27-5/2/1996
68. *State of the Art Session – Cavernous Sinus* (moderator & lecturer).  
*Vascular Compression Syndromes—Patient Specific Surgical Selection* (panelist & lecturer).  
 2<sup>nd</sup> International Skull Base Congress and the 7<sup>th</sup> Annual North American Skull Base Society, San Diego, CA: 6/29-7/4/1996
69. *Management of Cavernous Sinus Meningiomas - Invasiveness*. (oral)  
*The Enigmatic Foramen Lacerum* (oral with Keller JT, Tauber M, and Jallo G).  
*Skull Base Tumor Surgery Session* (Moderator).  
**North American Skull Base Society Meeting**, Little Rock, AR: 3/20-25/1997
70. *Correlative Microvascular Anatomy as a Guide to Better Surgery*. (oral)  
*Basilar Tip Aneurysms: Windows '97*. (oral)  
*Cavernous Sinus Surgery: Techniques, Pitfalls and Complications*. (oral)  
*The Anatomic Basis of Success and Failure in Cavernous Sinus Surgery*. (oral)  
*Delayed Complications After Permanent Balloon Occlusion of the Internal Carotid Artery (ICA) for Treatment of Aneurysms of the ICA* (oral with Larson J, Tew JM, and Tomsick T).  
*An Anatomical Study of the Foramen Lacerum: Morphometric and Comparative Study*. (poster)  
**65<sup>th</sup> Annual American Association of Neurological Surgeons**, Denver, CO: 4/12-17/1997
71. Spring Oral Examinations. (examiner) American Board of Neurologic Surgeons, San Diego, CA: 5/6-9/1997
72. *Anatomy of the Cavernous Sinus: A User's Guide* (oral) Visiting Professor Department of Neurosurgery, Stanford University, Stanford, CA: 9/17/1999
73. *Deep Seated Tumors of the Middle Fossa and Their Approaches* (moderator).
74. *A Contemporary Neurosurgical Perspective on the Middle Cranial Fossa* (oral with Aziz K).
75. *Pilot Study of Early Surgical Treatment Versus Best Medical Treatment for Intracerebral Hemorrhage*. (poster)  
*The Cost-Effectiveness of Image-Guided Craniotomy for Metastatic Brain Tumor*. (poster)  
**Congress of Neurological Surgeons Annual Meeting**, New Orleans, LA: 9/27-10/2/1997
76. *The Kawase Approach to Retrosellar and Upper Clival Basilar Aneurysms* (oral) Department of Neurosurgery, University of Chicago, Chicago, IL: 2/14/1998
77. *The Kawase Approach to Basilar Aneurysm*. (oral)  
*Deep-Seated Tumors of the Middle Cranial Fossa*. (oral)  
 Mayfield Clinic/Cleveland Clinic Winter Neuroscience Symposium, Snowmass, CO: 2/22-27/1998



78. *Complications of Cavernous Sinus Tumor Surgery.* (oral)  
*The Kawase Approach to Retrosellar and Upper-Clival Basilar Aneurysms.* (oral)  
 American Association of Neurological Surgeons Annual Meeting, Philadelphia, PA: 4/25-30/1998
79. *How to Develop an Academic Department of Neurosurgery* (oral) The Society of Neurological Surgeons Annual Meeting, St. Louis, MO: 5/10-12/98
80. *Pitfalls and Complications in Cavernous Sinus Surgery.* (oral) Congress of Neurological Surgeons Annual Meeting, Seattle, WA: 10/3-8/1998
81. *The Role of the Cadaveric Laboratory in Neurosurgical Training.* (oral)  
*Selection Criteria for Surgical Approaches to Basilar Aneurysms.* (oral)  
**The University of Illinois**, Peoria, IL: 10/22-23/1998
82. *Jho Procedure for Cervical Radiculopathy* (oral with Sherman J and Aziz KA)  
*Petroclival Meningiomas: Predictive Parameters for Transpetrosal Approaches* (oral)  
 Mayfield Clinic-Cleveland Clinic Winter Neuroscience Symposium, Snowmass, CO: 2/21/1999
83. *Cavernous Sinus Surgery: Techniques, Pitfalls, and Complications* (Moderator with Day J, Sekhar L, Koos W, Lunsford L).  
*The Cost Effectiveness of Image-Guided Craniotomy for Glioma Resection* (with Barnett S, Osterhus D, Bode L, Paul C, Tew J, and Warnick R).  
*Transsphenoidal Surgery Utilizing the Hitachi AIRIS Intraoperative MRI: Preliminary Results.* (poster) (with Gaskill-Shipley M, Warnick R, Kormos D, Bode, Heitzman C, Lukin R, and Tew)  
 American Association of Neurological Surgeons Annual Meeting, New Orleans, LA: 4/24-29/1999
84. *Unusual Lesions of the Jugular Foramen and Petrous Apex* (with Pensak ML, Awasthi D, Delashaw J, and Pillsbury H).  
*Petroclival Meningiomas: Predictive Parameters for Transpetrosal Approaches* (with Sanan A, Tew JM, and Keller JT).  
*Predictive Parameters for Optimal Approaches to Individual Basilar Artery Aneurysms* (with Aziz KM).  
*Expanded Translabyrinthine Approach for Large Vestibular Schwannomas* (with Aziz KM, Janjua R, and Tew JM).  
**North American Skull Base Society Annual Meeting**, Chicago, IL: 5/28-31/1999
85. *Petroclival Meningiomas: Predictive Parameters for Transpetrosal Approaches* (oral) Department of Neurosurgery, University of Pittsburgh, Pittsburgh, PA: 6/23-24/1999
86. *Scientific Symposium II: Aneurysms (moderator with Halbach VV).*  
*Skull Base Approaches for Posterior Lesions: Midline Vertebro-Basilar Aneurysms.* (oral)  
 Introduction for Takeshi Kawase, M.D. (oral)  
*Skull Base Approaches to Brainstem Cavernomas* (with Aziz K, Froelich S, and Tew J).  
**AANS / CNS Section on Cerebrovascular Surgery**, New Orleans, LA: 2/6-9/2000
87. *The Cerebral Venous System: Surgical Considerations.* (oral)  
*Cavernous Sinus Surgery.* (oral)  
*Radiosurgery for Malignant Meningiomas: Results in 22 Patients.* (poster)  
*Management of the Difficult Meningioma* (Moderator)  
 American Association of Neurological Surgeons Annual Meeting, San Francisco, CA: 4/8-13/2000.
88. *Status Report on the Surgical Resectability of Cavernous Sinus Meningiomas.* (oral)

- Petroclival Meningiomas: Predictive Parameters for Transpetrosal Approaches* (with Aziz KH, Sanan A, Tew JM, Keller JT, Pensak ML).
- Facial Nerve Neuromas: A Report of Nine Cases* (with Sherman JD, Dagnew E, Pensak M, Tew JM)  
**AANS/CNS Section on Tumors Satellite Symposium**, San Francisco, CA: 4/8-13/2000
89. *Petroclival Meningiomas: Achieving Reasonable Goals* (oral) Visiting Professor Department of Neurosurgery, University of Michigan Medical Center, Ann Arbor, MI: 2/23/2000
90. *Goals for Resection of Petroclival Meningiomas*, (oral) Visiting Professor Department of Neurosurgery, Louisiana State University, Shreveport, LA: 6/7/2000
91. *Cavernous Sinus Hemangiomas*, (Luncheon Seminar) Congress of Neurological Surgeons, San Antonio, TX: 9/23-26/2000
92. *Giant Cell Tumor of the Petrous Temporal Bone: A Case Presentation and Literature Review*. (poster)  
*The One-Piece Orbitozygomatic Approach: The MacCarty Burr Hole and the Inferior Orbital Fissure as Keys to Technique and Application*. (poster)  
*Predictors of Operative Exposure with Frameless Stereotactic Guidance in the Posterior Petrosectomy*. (with Cohen PL, Aziz KA, Froelich SC, Keller JT, Tew JM)  
*Extradural Anterior Clinoidectomy: Technical Note and Refinement*. (with Froelich SC, Aziz KA, Cohen PL, Jean WC, Fouyas IP, Keller JT)  
*Reversal of Cranial Nerve Deficits After Radiosurgery for Cavernous Sinus Meningiomas*. (with Aziz KA, Froelich SC, Sanan A, Breneman JC, Tew JM)  
*Surgical resectability of meningioma invading the caverno-orbital junction: Anatomical and clinical study*. (oral with Froelich SC, Aziz KA, Cohen PL, Keller JT,)  
*Liliequist's membrane: A complex and variable structure of the basal cistern-microsurgical anatomy for neuroendoscopic surgery*. (with Froelich SC, Aziz KA, Cohen PL, Keller JT)  
*The Sub-Tonsillar Approach to the Foramen of Luschka: An Anatomical and Clinical Study*. (with Jean WC, Aziz KA, Froelich SC)  
*Facial Nerve Neuromas: A Report of Ten Cases and Review of the Literature*. (with Sherman JD, Dagnew E, Pensak ML, Tew JM)  
*Petrosectomy Approach for Extradural Middle Fossa Tumors*.  
**North American Skull Base Meeting**, Lake Buena Vista, FL 3/3-6/2001
93. *Reversal of Cranial Nerve Deficits after Focused-Beam Radiotherapy for Cavernous Sinus Meningioma*  
*Surgical resectability of Sphenocavernous and Clinoidocavernous Meningiomas*  
*Gamma Knife Radiosurgery for Meningiomas*. (Discussant)  
*Management of the Difficult Meningioma*. (Moderator)  
**American Association of Neurological Surgeons**, Annual Meeting, Toronto, Canada, 4/21-26/2001
94. *FTOZ and Cavernous Sinus Surgery*. (Presentation) Anspach Resident Neurosurgical Skull Base Workshop, Palm Beach Gardens, FL 7/20-24/2001
95. *The One-Piece Orbitozygomatic Approach: The MacCarty Burr Hole and the Inferior Orbital Fissure as Keys to Technique and Application*. (poster)  
*Resection and Permanent I-125 Brachytherapy Without Whole Brain Radiotherapy for Newly Diagnosed Single Brain Metastasis*. (poster)  
**Congress of Neurological Surgeons**, San Diego, CA: 9/28-10/4/2001



96. *Parasellar Chordomas and Chondrosarcomas* (oral) Mayfield Clinic/Cleveland Clinic Winter Neuroscience Symposium, Snowmass, CO: 2/24-3/1/2002
97. *Translabyrinthine and Transcochlear Approaches* 1<sup>st</sup> Annual Skull Base Course for Senior Neurological Surgery Residents, Sponsored by the North American Skull Base Surgery Society, Hosted by MERI laboratory, Memphis, Tenn. 9/20/02
98. *Petroclival Meningiomas: Current Management*. Neuro-Oncology 2003: Current Concepts, The Cleveland Clinic Brain Tumor Institute and The Department of Neurosurgery, Cleveland Clinic, Walt Disney World Resort, Florida 1/10-13/2003
99. *The Evolution of Cavernous Sinus Surgery*. University of Florida, Gainesville, Florida. 2/12/03
100. *One-Piece (COZ) Cranial-Orbitozygomatic Approaches* 14<sup>th</sup> Annual Meeting of the North American Skull Base Society, Memphis, Tenn. 2/19-2/21/03
101. *Skull Base Surgery: Who Invented it and How Does it Work*  
*Anatomy of the Human Brain: A Cadaveric Tour of Brain Anatomy*  
*Tumors of the Cavernous Sinus: What Every Health Care Provider Needs to Know*  
*Anatomy of the Human Spine: Focus on Instrumentation*  
**Northwest Neuroscience Symposium for Nurses**, Eugene, Oregon, 3/5-3/8/03
102. *Acoustics: Doc, Why Should I Have Surgery?* Special Symposium III: Brain Tumors. Annual Meeting of the Southern Neurosurgical Society, Orlando, Florida 3/13-3/15/03
103. *Surgical Originals: Tumors* (Moderator) Japanese American Neurosurgical Friendship Symposium. Preceding the Annual Meeting of the American Association of Neurological Surgeons, San Diego, California, 4/25/03
104. *Stroke Update 2004* Neurosurgical Options for Specific Stroke Syndromes Tampa, Florida 2/21/2004
105. *Discussant: Cranial Landmarks for Microsurgery* Latin American-American Symposium of Neurosurgery. Orlando, Florida 4/30/2004
106. *Anterior Skull Base Approaches: What, Why and How* (Panel Member) 54<sup>th</sup> Annual Meeting of the Congress of Neurological Surgeons. San Francisco, Ca 10/16-21/2004 (Lecture: Anterior Skull Base Approaches: approach selection)
107. *The Evolution of Cavernous Sinus Surgery: Lessons Learned*. Mayfield Symposium. Alumnus Lecturer. The University of Cincinnati/Mayfield Clinic. Cincinnati, Ohio June 10, 2005.
108. *Flat Earth Theory and its Application to Cavernous Sinus Surgery*. Neurosurgery Grand Rounds Visiting Lecturer, Johns Hopkins University. Baltimore, MD 9/8/2005

109.  
*Management of Skull Base Lesions.* Panel Participant, 40<sup>th</sup> Annual Meeting of The American Neurotology Society. Los Angeles, Ca 9/24/2005
110.  
*Flat Earth Theory and its Application to Cavernous Sinus Surgery.* Neurosurgery Grand Rounds Visiting Lecturer, Henry Ford Hospital. Detroit, Mi. 11/29/2005
111.  
*Cavernous Sinus Meningiomas: What I Know from my Own Data.* 17<sup>th</sup> Annual Meeting of the North American Skull Base Surgery Society. Phoenix, Arizona. February 16-20, 2006
112.  
*Transcranial Approach to Pituitary Adenoma*  
*Logic Regression Applied to Minimally Invasive Skull Base Surgery*  
**The Winter Clinics for Cranial & Spinal Surgery.** Snowmass, Colorado, February 26-March 3, 2006
113.  
**GREAT DEBATES IN NEUROSURGERY: Will Radiosurgery Replace Surgery for Acoustic Neuromas?** Annual Meeting of The Southern Neurosurgical Society. Southampton, Bermuda March 2-5, 2006
114.  
*Cranial Approaches to Pituitary Adenomas: with a Special Note on Cavernous Sinus Invasion.* 4<sup>th</sup> National Symposium on Pituitary Disorders. Sponsors: USF Health; Moffitt Cancer Center; All Children's Hospital. Tampa, Florida October 5-8, 2006. (*presentation on 10/6/06*)
115.  
*Cavernous Sinus Surgery: Setting the Record Straight.* Visiting Professor Grand Rounds Lecture. Department of Neurosurgery, University of Puerto Rico (UPR-RCM). San Juan, Puerto Rico 2/23/2007
116.  
*Basilar Aneurysm Surgery: Old Principles, New Strategies.* 4<sup>th</sup> Annual Meeting of the **The Nathan Rifkinson Society.** Isla Verde, Carolina, Puerto Rico 2/24/2007
117.  
*The Transcranial Approach to Pituitary Adenomas and Tuberculum Sella Meningiomas.* Breakfast Seminar 203: Suprasellar Tumors 4/17/2007. **Diamond Jubilee (75<sup>th</sup> Anniversary) Meeting of the AANS.** Washington, DC 4/14-4/19/2007
118.  
*Trigeminal Neuralgia: Personal and Professional Consideration.* Keynote Speaker, **The Florida State Neurosurgical Society.** Tampa, Fl. 5/12/2007
119.  
*History of the Cavernous Sinus: Part I.* Invited Lecture. **North American Skull Base Surgery Society,** 18<sup>th</sup> Annual Meeting. Chicago, Ill. 5/24-27,2007 (Presentation on 5/24/2007)
120.  
*Anterior Petrosectomy: Surgical Strategies* (6/16/2007)  
*Cavernous Sinus: Surgical Strategies* (6/17/2007)  
**Skull Base Workshop, Medtronic Midas Rex.** Fort Worth, Texas June 15, 2007

121.

*Middle Fossa Approach to Trigeminal Schwannomas.* Digital Video Master's Conference (9/19/2007)  
**The Congress of Neurological Surgeons**, Annual Meeting. San Diego, California 9/16-9/20/2007

122.

*Academic Neurosurgery: Is It Worth the Money?* **The Southern Neurosurgical Society.** El Conquistador, San Juan, Puerto Rico. 2/7-2/9/2008 (Presentation on 2/8/2008)

123.

*Endoscopic Assisted Microsurgical Resection of Suprasellar Meningiomas.* AANS/CNS section on Tumor I. Symposium: An Expert Panel Discussion on Suprasellar Meningiomas: Thoughts and Strategies for Microscopic Versus Endoscopic Surgical Resection. **Annual Meeting of the American Assoc. of Neurological Surgeons.** Chicago, Illinois 4/26-5/1/2008. Presentation on 4/29/2008

124.

*Suprasellar Meningiomas: Breakfast Seminar: Suprasellar and Juxtacellular Tumors.* Annual Meeting of **the American Assoc. of Neurological Surgeons**, Chicago, Illinois 4/26-5/1/2008  
 Presentation on 4/30/2008

125.

*Cavernous Sinus Surgery: A Personal Perspective.:* Grand Rounds Lectureship. **Columbia University**, New York City, New York. 7/17/2008

126.

*Petroclival Meningiomas: Riding the Pendulum of Skull Base Surgery.* Breakfast Seminar #104 9/4/2008  
*Clinoidal Meningiomas: Strategies for Success and Complication Avoidance.* Breakfast Seminar #105 9/5/2008  
 6<sup>th</sup> International Congress on Meningioma and Cerebral Venous System. Boston, Mass. 9/3-9/5/2008

127.

*Surgical Treatment of Skull Base Chordomas:  
 An Evidence-Based Approach in an Evidence-Free Zone*  
 5<sup>th</sup> International Congress of the World Federation of Skull Base Societies & 19<sup>th</sup> Annual Meeting of the North American Skull Base Society. Hyatt Regency, Vancouver, Canada 9/11-14/2008. Presentation on 9/14/2008

128.

*Cavernous Sinus Surgery: Riding the Pendulum.* Seventh International **Neuro-Oncology Updates** John Hopkins University. Marriott Waterfront Hotel at the Inner Harbor. Baltimore, Maryland 9/18-19,2008. Presentation on 9/18/2008

129.

*Skull Base Surgery: What Not To Do  
 Cerebrospinal Fluid*  
**The Winter Clinics** for cranial & spinal surgery. Snowmas, Colorado. 2/22-26/2009. Presentation on 2/25/2009.

130.

*Surgical Approaches to the MCF/Cavernous Sinus.* Microsurgical Approaches to the Brain, Ventricles, and Skull Base. McKnight Brain Institute. **University of Florida.** Gainesville, Florida 5/11-15/2009. Presentation on 5/13/2009

131.

*Will Otolaryngology Remain the Conscience of Neurosurgery.* Honored Guest Presentation to the Triologic Society, May 2009

132.

*Anterior Petrosal Approach versus Subtemporal Transtentorial Approach.*

Skull Base Surgery: A Comprehensive Hands-On Cadaveric Course. Emphasis on Comparison to Conventional Approaches and Decreased Invasiveness.

**XIV World Congress of Neurological Surgery Of the World Federation of Neurosurgical Societies.** Boston, Massachusetts. August 30-September 4, 2009. Presentation and Practical Cadaveric Prosection on 8/30/2009

133.

*Petroclival Meningiomas: Skull Base or Conventional Approaches?* **XIV World Congress of Neurological Surgery Of the World Federation of Neurosurgical Societies.** Boston, Massachusetts. August 30-September 4, 2009. Presentation and Practical Cadaveric Prosection on 9/3/2009

134.

*Pitfalls for an Optimum Pterional Approach: Sylvian Fissure, Lateral Wall of the Cavernous Sinus.*

Microscopic and Endoscopic Skull Base Workshop. **Allegheny General Hospital.** Pittsburgh, Pennsylvania, October 1-4, 2009. Presentation on 10/1/2009

135.

*Innovation in Skull Base Surgery*

Microscopic and Endoscopic Skull Base Workshop

**Allegheny General Hospital.** Pittsburgh, Pennsylvania. October 1-4, 2009. Presentation on 10/1/2009

136.

*Minimally Invasive/Maximally Cosmetic Transcranial Approaches to the Anterior Skull Base:* Surgical

Approaches to the Anterior Cranial Base: Endoscopic, traditional and Subfrontal. 20<sup>th</sup> Annual Meeting of the **North American Skull Base Society.** New Orleans, Louisiana. October 16-18, 2009. Presentation on 10/18/2009

137.

*Management of Complications in Skull Base Surgery.* Annual Meeting of the **Congress of Neurological Surgeons.** New Orleans, Louisiana. October 24-29, 2009. Luncheon Seminar Presentation on 10/28/2009

138.

*Postoperative Imaging and Follow Up.* Advances in Skull Base Medicine and Surgery. **Tampa General Hospital** MacInnes Auditorium. November 14, 2009

139.

*What can Shakespeare Teach Us About Skull Base Surgery.* **The Winter Clinics.** Snowmass, Colorado. February 21-26, 2010. Lecture on 2/22/2010

140.

*The Ten Best Kept Secrets to a Successful Career in Neurosurgery.* Young Neurosurgeons Luncheon, Keynote Speaker. 78<sup>th</sup> Annual Meeting of the **American Association of Neurological Surgeons (AANS).** Philadelphia, Pennsylvania. May 2-6, 2010. Presentation on 5/3/2010

141.  
*A Balanced Look at Endoscopic vs. Transcranial Approaches to the Anterior Skull Base* . Breakfast Symposium. 78<sup>th</sup> Annual Meeting of the **American Association of Neurological Surgeons** (AANS). Philadelphia, Pennsylvania. May 2-6, 2010. Presentation on 5/4/2010
142.  
*Neurological and Neurosurgical Therapeutics 2010: Contemporary Dignosis and Management*. A National Symposium. Course Organizer, Co-Director and Moderator. Hyatt Regency, Tampa, Florida. May 7-8, 2010
143.  
*Trigeminal Neuralgia: 25 Years of Lessons Learned*. Neurological and Neurosurgical Therapeutics 2010: Contemporary Dignosis and Management. Hyatt Regency, Tampa, Florida. May 7-8, 2010
- 144.**  
***THE EHNI LECTURER. A Balanced Look at Endoscopic vs. Transcranial Approaches to the Anterior Skull Base***  
*(& State of the Art in Cavernous Sinus Surgery)* Grand Rounds presentation to the combined M.D. Anderson and Baylor University. Neurosurgery Programs. Houston, Texas. 5/14/2010
145.  
***THE EHNI DISSECTION COURSE. Anterior Petrosectomy: the Time/Benefit Equation***. Cadaveric demonstration, Laboratory dissection instructor and lecture. The combined M.D. Anderson, Baylor Univ., and Methodist Hospital Program. Houston, Texas 5/15/2010
146.  
*Pitfalls for an Optimum Pterional Approach*  
*Sylvian Fissure Dissection*  
*Lateral Wall of the Cavernous Sinus*  
*Transcondylar Approach: How I Do It*  
*History and Innovation in Skull Base Surgery*  
**Microscopic and Endoscopic Approaches for Skull Base Lesions and Cerebrovascular Bypass Session**. Allegheny General Hospital, Pittsburgh, Pennsylvania. 9/30-10/3/2010. (Presentations on 9/30/2010)
147.  
*The Negative Impact of Neurosurgical Residency on Skull Base Training*  
**The North American Skull Base Surgery Society** Annual Meeting  
 Phoenix, Arizona 2/17-2/19/2011 Presentation on 2/18/2011
148.  
*Cortical Anatomy for Dummies*  
**The Winter Clinics** for cranial & spinal surgery  
 Mayfield Clinic, Mayo Clinic, The Cleveland Clinic  
 Snowmass, Colorado 2/27-3/3/2011 Presentation on 3/3/2011
149.  
*A View of Neurosurgical Training from 14,000 feet.* (3/13/2011)  
*The Cavernous Sinus and the Soul.* (3/14/2011)

Mayo Clinic, Rochester, Minnesota

Visiting Professor Dinner Meeting and Neurosurgical Grand Rounds

150.

*The Challenges and Management Strategies for Large Acoustic Neuromas*

**Acoustic Tumors: Current Management Strategies and 3D Live Surgical Simulation**

USF and TGH, Tampa, Florida 3/19/2011

151.

a. *Posterior Petrosectomy*: In Practical Course 032 Operative Nuances for Cranial and Skull Base Procedures: A cadaveric and Case Based Microsurgical 3-D Video Presentation (4/10/2011)

b. *Carl Zeiss Breakfast Panel: 3D Visualization in Endoscopic Neurosurgery* (4/12/2011)

c. *Discussant at Plenary Session II, Paper 703 Stereotactic Radiosurgery as the Initial Management for Spetzler-Martin Grade I or II Arteriovenous Malformations* (4/12/2011)

d. *A Balanced Look at Transcranial versus Endoscopic Approaches to the Anterior Skull Base*. In Seminar 303 Suprasellar and Juxtaseilar Tumors. (4/13/2011)

**79<sup>th</sup> Annual Scientific Meeting of the AANS**, Denver, Colorado 4/10-4/13/2011

152.

*Cavernous Sinus for Dummies*. **North American Skull Base Workshop for Senior Neurosurgical Residents & Head & Neck Fellows**. Louisiana State University. New Orleans, Louisiana. 7/29-

8/1/2011. Presentation on 7/30/2011.

153.

1. *Fronto-temporal Orbitozygomatic Approach & The Art of Mobilizing the Lateral Wall of the Cavernous Sinus*

2. *History and Innovation in Skull Base and Vascular Neurosurgery* (presented on 10/28/2011.)

**Fifth Annual Microscopic and Endoscopic Skull Base Surgery Course, Vascular Bypass Animal Lab and Laser Bypass Lab**. Allegheny General Hospital, Pittsburgh, Pennsylvania. 10/27-30/2011.

154.

*Designing an Anterolateral Skull Base Approach*.

A. *FTOZ*

B. *Surgical Approaches to the Cavernous Sinus*

C. *Pre-auricular infratemporal fossa approach*

**AANS Skull Base Course for Senior Residents**

MERI Laboratory, Memphis, Tennessee. 11/3-6/2011

155.

1. *Skull Base Surgery in the Modern Era*

2. *Management of Cavernous Sinus Lesions: Pearls and Pitfalls*

**Second Annual Comprehensive Skull Base Symposium**

University of Texas Southwestern Medical Center. Dallas, Texas. 1/6/2012

156.

*Skull Base Meningiomas: Five Stages of Grief for the Neurosurgeon*

**6<sup>th</sup> Annual Linda A. Wolf Memorial Meningioma Lecturer**

University of California San Francisco. San Francisco, California. 1/26/2012



157.

*Surgical Approaches to the Cavernous Sinus*  
*Selection of Transpetrosal Surgical Approaches: The Tampa Method*  
10<sup>th</sup> Annual Master's Course in Skull Base Surgery  
CAMLS University of South Florida, Tampa, Florida  
2/9-11/2012

158.

*Petroclival Meningiomas: Five Stages of Grief for the Neurosurgeon*  
Neurosurgical Grand Rounds. Vanderbilt University Medical Center Department of Neurosurgery.  
Nashville, Tennessee. 4/5-6/2012

159.

*How to Handle Complications as a Surgeon*  
Breakfast Seminar #106 Suprasellar and Juxtacellular Tumors: Complications & Avoidance  
American Association of Neurological Surgeons  
80<sup>th</sup> Annual Meeting  
Miami, Florida 4/15-18/2012 (Presentation on 4/16/2012)

160.

*Developing Your Neurosurgical Career: The One Thing You Need to Know*  
Breakfast Seminar #322 Choosing and Developing a Neurosurgical Practice  
American Association of Neurological Surgeons  
80<sup>th</sup> Annual Meeting  
Miami, Florida 4/15-18/2012 (Presentation on 4/18/2012)

161.

*Frontotemporal Orbitozygomatic Approach: The Art of Mobilizing the Lateral Wall of the Cavernous Sinus.*  
*History and Innovation in Skull Base Vascular Surgery*  
Sixth Annual Microscopic and Endoscopic Skull Base Surgery Course. Allegheny General Hospital.  
Pittsburgh, Pennsylvania. 10/11-14, 2012

162.

*Approach to Cavernous Sinuses: How I Do It: Breakfast Seminar.*  
23d Annual Meeting of the North American Skull Base Society  
Miami, Florida 2/15-17/2013 (Presentation on 2/16/2013)

163.

*Quality Care in Anterior Skull Base Meningioma Surgery: The Best Quality of Care is by Craniotomy*  
Debate Format: Plenary Session II  
23d Annual Meeting of the North American Skull Base Society  
Miami, Florida 2/15-17/2013 (Presentation on 2/16/2013)

164.

*Acoustic Neuroma Observations Leads to an Increase in Tinnitus Severity: Results of the 2007-2008 Acoustic Neuroma Association Survey*  
Jamie J Van Gompel MD, Jaymin Patel, BS, Chris Danner MD, A Sammy Youssef MD, Harry R. van Loveren MD, Siviero Agazzi MD

165. *Surgical Treatment of Trigeminal Neuralgia*  
64<sup>th</sup> Southern Neurosurgical Society Annual Meeting  
Sarasota, Florida 2/20-23/2013 (Presentation on 2/23/2013)
166. *Passing the Torch to the Next Generation of Neurosurgeons*  
The Winter Clinics for Cranial & Spinal Surgery  
Snowmas, Colorado 2/24-28/2013 (Presentation on 2/26/2013)
167. *How to Tackle Difficult Cranial Cases: A Step-by-Step Case-Based Presentation*  
Practical Clinic: Panelist on 4/28/2013  
81<sup>st</sup> AANS Annual Scientific Meeting  
New Orleans, Louisiana 4/27-5/1/2013
168. *Suprasellar And Juxtapellar Tumors: Complications and Avoidance*  
Breakfast Seminar Presentation on 4/30/2013  
81<sup>st</sup> AANS Annual Scientific Meeting  
New Orleans, Louisiana 4/27-5/1/2013
169. *Anterolateral Skull Base Approaches*  
**NASBS Skull Base Surgery Workshop** for Senior Neurosurgical Residents  
& Head and Neck Fellows  
Louisiana State University, New Orleans, Louisiana  
7/26-7/28/2013 (presentation on 7/27/2013)
170. *Open Skull Base Surgery: When is the Traditional Approach Necessary*  
Congress of Neurological Surgeons 2013 Annual Meeting  
San Francisco, California 10/19-23/2013  
Presentation on 10/23/2013
171. *1. Fronto-temporal Orbitozygomatic Approach. The Art of Clinoidectomy, Mobilizing the Lateral Wall of the Cavernous Sinus*  
*2. History and Innovations in Skull Base and Vascular Surgery.*  
Allegheny General Hospital. Pittsburgh, Pennsylvania November 7-9, 2013.  
Presentations on 11/7/2013
172. *1. How to Tackle Difficult Cranial Cases: A Step-by-Step 3D Case-based Presentation (Panelist)*  
*2. Surgical Approaches to the Lateral Skull Base: Anterior Petrosectomy (Breakfast Seminar Speaker)*  
*3. Suprasellar and Juxtapellar Tumor: complications and Avoidance (Moderator and Speaker)*  
American Association of Neurological Surgeons. Annual Scientific Meeting  
Moscone Center, San Francisco, California

4/5-9/2014 (Presentations on 4/6; 4/7; and 4/9/2014 respectively)

173. *The Kawase Approach and What it Tells Us About Skull Base Surgery*  
Weill-Cornell University Visiting Professor – Grand Rounds Presentation  
New York City, New York 4/30/2014
174. *Endoscope vs. Microscope: A Technique, Not a Specialty*  
International Meeting of Meningiomas and the Cerebral Venous System  
Sponsored by the University of California San Francisco  
Napa Valley, California 8/10-12,2014 (Lecture on 8/12/2014)
175. *The Making of a Neurosurgeon*  
The Lyerly Lecture of 2014. Annual Meeting of the Florida Neurosurgical Association.  
Palm Beach, Florida 8/22-24, 2014 (Lecture on 8/23/2014)
176. *Skull Base Surgery Teams: the Critical Role of the Leader* Keynote Address  
North American Skull Base Surgery Society 25<sup>th</sup> Annual Meeting  
Tampa, Florida. 2/20-22/2015 (Lecture on 2/20/2015)
177. *Competency of Future Skull Base Surgeons: More Surgeons, Fewer Surgeries, Tougher Cases*  
North American Skull Base Surgery Society 25<sup>th</sup> Annual Meeting  
Tampa, Florida. 2/20-22/2015 (Lecture on 2/21/2015)
178. *Extensive Skull Base Approaches to Petroclival Meningiomas: “and the Truth Shall Set You Free”*  
North American Skull Base Surgery Society 25<sup>th</sup> Annual Meeting  
Tampa, Florida. 2/20-22/2015 (Lecture on 2/22/2015)
179. *Update on AVMs 2015: ARUBA*  
Southern Neurosurgical Society 66<sup>th</sup> Annual Meeting  
Naples, Florida 2/26-28/2015. (Lecture on 2/26/2015)
180. *1. How to Tackle Difficult Cranial Cases: A Step-by-Step 3D Case-based Presentation*  
(Panelist on 5/2/2015)  
*2. Suprasellar and Juxtacellular Tumors: Complications and Avoidance*  
(Moderator on 5/4/2015)  
*3. Surgical Approaches to the Lateral Skull Base*  
(Lecturer on 5/5/2015)  
American Association of Neurological Surgeons. Annual Scientific Meeting  
Washington D.C. 5/2-6/2015

181. *Cavernous Sinus/Sellar/Parasellar Tumors*  
 CNS 3-D Surgical Anatomy Course for Senior Residents  
 The University of Texas MD Anderson Cancer Center and Baylor College of Medicine MECCA Lab,  
 Houston, Texas  
 8/20-23/2015 Lecture on 8/20/2015
182. *Master Surgeon Session: The Art of Mobilizing the Walls of the Cavernous Sinus*  
 North American Skull Base Society, 26<sup>th</sup> Annual Meeting  
 Scottsdale, Arizona 2/12-14/2016 (Presentation on 2/12/2016)
183. *Management of Vascular Issues in Skull Base Surgery: Maintenance of Competency*  
 North American Skull Base Society, 26<sup>th</sup> Annual Meeting  
 Scottsdale, Arizona 2/12-14/2016 (Presentation on 2/12/2016)
184. *The Benefits of Coaching in the Ultimate Contact Sport: Neurosurgical Resident Training*  
 The Winter Clinics for Cranial and Spinal Surgery.  
 Snowmas, Colorado 2/21/-25/2016. (Presentation on 2/23/2016)
185. *Echoes of My Fathers: Aphorisms and Admonitions that Shaped My Life and Career*  
 Presidential Address to the Southern Neurosurgical Society, 67<sup>th</sup> Annual Meeting  
 San Antonio, Texas 3/2-5/2016. (Presentation on 3/4/2016)
186. *FTOZ, Anterior Clinoidectomy and The Art of Mobilizing the Wall of the Cavernous Sinus*  
 14<sup>th</sup> Annual Master's Course in Skull Base Surgery.  
 Center for Advance Medical Learning and Simulation (CAMLs) Tampa, Florida  
 3/17-19/2016 (Presentation on 3/18/2016)
187. *Approach to the Management of Vestibular Schwannoma*  
 4<sup>th</sup> Annual Keller Lectureship. University of Cincinnati and Mayfield Clinic  
 Cincinnati, Ohio 4/6/2016
188. *1. How to Tackle Difficult Cranial Cases: A Step-by-Step 3D Case-Based Presentation*  
 (5/1/2016; Presenter)  
*2. Suprasellar and Juxtacellular Tumors: Complications and Avoidance*  
 (5/2/2016; Moderator)  
*3. Surgical Approaches to the Lateral Skull Base: Glomus Jugulare Tumors*  
 (5/4/2016; Presenter)  
 American Association of Neurological Surgeons Annual Meeting  
 Chicago, Illinois 5/1-4/2016

189.        *Senior Leadership Q&A:*  
The Society of Neurological Surgeons. 107<sup>th</sup> Meeting in the 96<sup>th</sup> Year.  
Indiana University. Indianapolis, Indiana.  
6/4-7/2016
190.        *Surgery of the Ventral Brainstem and Thalamus*  
The 23d Annual Campbell Lecture. Goodman Campbell Neuroscience Institute at the University of  
Indiana. Indianapolis, Indiana. (10/5/2016)
191.        *My Life in Skydiving: To Live Like You are Dying*  
Goodman Campbell Neuroscience Institute at the University of Indiana. Indianapolis, Indiana.  
(10/5/2016)
192.        *Benign Cavernous Sinus Tumors: Can We Agree on Management?*  
*Lessons Learned from Thirty Years of Failure*  
North American Skull Base Society, 27<sup>th</sup> Annual Meeting. The Roosevelt New Orleans, New Orleans,  
Louisiana. 3/3-5/2017. Presentation on 3/4/2017.
193.        *Expert Debate: Vascular Considerations in Skull Base Surgery: Arteries*  
*(Preserve, Sacrifice or Bypass), Veins and Preoperative Tumor Embolization.* Moderator.  
North American Skull Base Society, 27<sup>th</sup> Annual Meeting. The Roosevelt New Orleans, New Orleans,  
Louisiana. 3/3-5/2017. Presentation on 3/5/2017.
194.        *Petroclival Meningiomas: Tranlations from the Chinese*  
Georgetown University Department of Neurosurgery Grand Rounds (*combined with George*  
*Washington University and the Department of Neurosurgery N.I.H.*)  
Washington D.C. 3/16/2017
195.        *A Message to the Residents of Georgetown: Echoes of My Fathers*  
Georgetown University Department of Neurosurgery, Washington D.C. 3/16/2017
196.        *Cavernous Sinus Meningiomas*  
15<sup>th</sup> Annual Master's Course in Skull Base Surgery.  
Center for Advanced Medical Learning and Simulation (CAMLS) Tampa, Florida  
3/30-4/1/2017 (Presentation on 3/31/2017)
197.        *How to Tackle Difficult Cases*  
American Association of Neurological Surgeons Annual Meeting  
Los Angeles, California 4/22-26/2017. Presentation on 4/23/2017

198. *Surgical Approaches to the Lateral Skull Base: Jugular Foramen Tumors*  
American Association of Neurological Surgeons Annual Meeting  
Los Angeles, California 4/22-26/2017. Presentation on 4/24/2017
199. *Penn Distinguished Skull Base Professorship and Forum*  
Cadaveric Prosection: Anterior Petrosectomy to Skull Base Lesions  
Presentation: Petroclival Meningiomas: Lessons from the Chinese  
University of Pennsylvania, Philadelphia, Pennsylvania 5/8/2017
200. *Anterior Petrosectomy: Looking back a Quarter of a Century*  
Visiting Professor Presentation: Louisiana State University, Shreveport, Louisiana. (1/12/2018).
201. *The Benefits of Coaching in the Ultimate Contact Sport: Neurosurgical Resident Training*  
Keynote Speaker: The Louisiana State Neurosurgical Society (LANS) 43d Annual Meeting  
Shreveport, Louisiana (1/13/2018).
202. *The Dolenc Approach to the Cavernous Sinus and Meckel's Cave*  
Lecture and faculty for Cadaveric Dissection Course.  
28<sup>th</sup> Annual Meeting of the North American Skull Base Surgery Society  
Pre-Meeting Dissection Course  
The Loews Coronado Bay, Coronado, California 2/14-2/17/2018  
Presentation on 2/14/2018
203. *The Making of a Neurosurgeon: From Your Hands to Theirs*  
Honored Guest Lecturer: 28<sup>th</sup> Annual Meeting of the North American Skull Base Surgery Society  
The Loews Coronado Bay, Coronado, California 2/14-2/17/2018  
Presentation on 2/16/2018
204. *Rhoton Anatomy, Radiology and Dueling Dissections*  
The Presigmoid Approach. Moderator.  
28<sup>th</sup> Annual Meeting of the North American Skull Base Surgery Society  
The Loews Coronado Bay, Coronado, California 2/14-2/17/2018  
Presentation on 2/16/2018
205. *Coaching, Culture and the Cavernous Sinus.*  
Visiting Professor Lecturer at The Johns Hopkins University, Department of Neurosurgery.  
3/28/2018
206. *Managing Tumors Around the Cavernous Sinus.*  
16<sup>th</sup> Annual Master's Course in Skull Base Surgery  
Center for Advanced Medical Learning and Simulation (CAMLS) Tampa, Florida



3/29-31/2018 (Presentation on 3/30/2018)

207. *Responding to the Shifting Paradigm for Acoustic and Glomus Tumors*  
American Association of Neurological Surgeons Annual Meeting  
New Orleans, Louisiana 4/28-5/2/2018. Presentation on 5/2/2018
208. *The Microsurgical and Anatomy Laboratory (in Resident Education)*  
The Society of Neurological Surgeons. 109<sup>th</sup> Meeting in the 98<sup>th</sup> Year  
Penn State Milton S. Hershey Medical Center  
5/18-22/2018. Presentation on 5/21/2018
209. *The OZ and Cavernous Sinus*  
Northshore University Health System and the University of Chicago  
Chicago Skull Base Surgery Hands -On Course  
Chicago, Illinois 8/11-12/2018
210. *The Far Lateral Approach*  
Northshore University Health System and the University of Chicago  
Chicago Skull Base Surgery Hands -On Course  
Chicago, Illinois 8/11-1/2018
211. *Cranial Keynote Lecture: Practical Aspects of Sphenocavernous Surgery*  
12<sup>th</sup> Annual Ozarks Neuroscience Education Clinic  
Big Cedar Lodge, Ridgedale, Missouri. 8/23-25/2018 (Presentation on 8/24/2018)
212. *The Benefits of Coaching in the Ultimate Contact Sport, Neurosurgical Resident Training*  
12<sup>th</sup> Annual Ozarks Neuroscience Education Clinic  
Big Cedar Lodge, Ridgedale, Missouri. 8/23-25/2018 (Presentation on 8/24/2018)
213. *Where are we in the Evolution of Neurosurgery*  
3<sup>rd</sup> IMRIS Global User's Symposium  
Center for Advanced Medical Learning & Simulation (CAMLS)  
Tampa, Florida 9/13-15/2018 (Presentation on 9/14/2018)
214. *Awake Craniotomy – When*  
3<sup>rd</sup> IMRIS Global User's Symposium  
Center for Advanced Medical Learning & Simulation (CAMLS)  
Tampa, Florida 9/13-15/2018 (Presentation on 9/14/2018)
215. *Cavernous Sinus Tumors:*  
Moderator: Main Topic 4

North American Skull Base Surgery Society  
Orlando, Florida 2/15-17/2019 (Presentation on 2/16/2019)

216.            *Value Proposition: Benign Skull Base Tumors Must Be Considered a Chronic Disease*  
North American Skull Base Surgery Society  
Special Session: The Value of Skull Base Surgery from a Leadership Standpoint  
Orlando, Florida 2/15-17/2019 (Presentation on 2/16/2019)

217.            *Complications in Tumor Surgery*  
70<sup>th</sup> Southern Neurosurgical Society Annual Meeting  
Ocean Reef Resort  
Key Largo, Florida 2/20-23/2019 (Presentation on 2/21/2019)

218.            *Confessions of a Skull Base Surgeon: Fake News and the Search for Truth*  
The Winter Clinics: for Cranial and Spinal Surgery  
Snowmass, Colorado 2/24-28/2019 (Presentation on 2/27/2019)

**PRESENTATIONS: Poster**

1. *Clinical Relevance of the Foramen Lacerum.*  
11<sup>th</sup> International Congress of Neurological Surgery.  
Amsterdam, The Netherlands 7/6-10/1997.
2. *Nomenclature of the internal carotid artery: Anatomical and Clinical Considerations.* American Association of Clinical Anatomists 15<sup>th</sup> Annual Meeting, Lexington, KY 6/10-12/1998.
3. *Absorbable Cages in a Caprine Model.* Siviero Agazzi MD, Wes Johnson PhD, Harry van Loveren MD. 54<sup>TH</sup> Annual Meeting of the Congress of Neurological Surgeons. San Francisco, Ca 10/16-21/2004
4. *Sudden Blindness as a complication of Percutaneous Trigeminal Procedures: Mechanism Analysis and Prevention.* Siviero Agazzi MD, Stanley Chang MS, Mitchell D. Drucker MD, A. Samy Youssef MD, PhD, Harry R. van Loveren MD Annual Meeting of the American Association of Neurological Surgeons. Date/Place.

**PRESENTATIONS: Local (*Abbreviated*)**

1. Local presentations given as part of the academic training program of the University of Cincinnati Medical Center and the University of South Florida, including departmental Grand Rounds and medical student lectures, have been omitted for brevity.
2. Neuralgias of the Facial, Glossopharyngeal and Vagus Nerves. The Mayfield-Aring Lectures: 5/30/1986
3. *Dissection Aneurysms of the Carotid Artery.* The American Association of Critical Care Nurses: 9/1986
4. *Vertebral Artery Dissection.* Weekends in Cincinnati: 7/1987
5. *Anterior Surgery for Cervical Radiculopathy.* Cincinnati Spine Symposium: Current Concepts in the Management of Degenerative and Traumatic Spine Disorders. Sponsored by Joint Section on Spine AANS/CNS, The Christ Hospital, Cincinnati: 11/13- 4/1987
6. *Trigeminal Neuralgia.* Weekends in Cincinnati: 3/19/1988
7. *Complete Excision of Thalamic AVMs with Nd:YAG Laser.* Laser Course-Course Director: 4/11-15/1988
8. *Arteriovenous Malformations: Natural History.*
9. *Complete Excision of Thalamic Malformations with Nd:YAG Laser.* American Academy of Neurology: 4/17-23/88
10. *Application of Nd:YAG Laser in Removal of Deep-Seated AVMs. Laser Course.* The Christ Hospital: 6/23/88
11. *Total Resection of Benign Tumors and Vascular Lesions of the Cavernous Sinus without Cardiac Arrest.* American Academy of Neurological Surgery: 9/15/1988

12. *Head Trauma and Other Neurosurgical Emergencies*. Paramedic Continuing Education, University of Cincinnati College of Medicine: 2/27/1989
13. *The Skull Base Tumor Program*. The Mayfield-Aring Lectures: 6/2/1989
14. *Pediatric Head Injury*. Pediatric Neuroscience Update, Kings Island Symposium: 7/13-15/1989
15. *Neurosurgical Techniques for the Treatment of Pain*. Pain Control Center. University of Cincinnati, College of Medicine: 10/05/1989
16. *Complete Excision of Thalamic and Brain Stem Arteriovenous Malformations*. Laser Course. The Christ Hospital: 2/8/1990
17. *The Skull Base Surgery Team*. University of Cincinnati Operating Room Nurses: 5/8/91
18. *Head Trauma - Management*. Critical Care Lecture Series. University of Cincinnati Medical Center: 5/29/1991
19. *Skull Base Surgery*. The Cincinnati Oncology Group. Barrett Cancer Center: 6/11/1991
20. *Advances in the Treatment of Cavernous Aneurysms*. Mayfield-Aring Lecture: 5/28/1992
21. *University of Cincinnati Spine Conference, Moderator*. University of Cincinnati Medical Center: 11/17/1993
22. *Cincinnati Skull Base Team. Alumni Association*. University of Cincinnati Medical Center: 5/20/1994
23. *Decompression and Stabilization of the Craniocervical Junction and Atlanto-Occipital Joint*. Mayfield Aring Symposium: 6/2-3/1994
24. *To Play or Not to Play: Cervical Spine Injuries in Athletics*.
25. *Sideline Surgical: A Seminar for the Treatment and Prevention of Acute Sports Injuries*: 8/9/1994
26. *HHH Therapy for SAH*. Trauma/Critical Care Symposium, University of Cincinnati Medical Center: 8/31/94
27. *Intracranial Hemorrhage-What You Should Do and Why*. The Mayfield NeuroSymposium for Primary Care Physicians: 10/29/1994
28. *Trigeminal Neuralgia: Surgical Options and Outcome*. Cincinnati Trigeminal Neuralgia Support Group: 9/12/1995
29. *Carotid Endarterectomy: A 50<sup>th</sup> Anniversary Retrospective*. The Mayfield NeuroSymposium for Primary Care Physicians: 10/28/1995
30. *Neurosurgical Approaches to the Skull Base*. O.R. Monitoring during Surgical Procedures: Current Topics: 3/30/1996
31. *Percutaneous Stereotactic Rhizotomy*. Trigeminal Neuralgia Conference. Demonstrator: 10/18/1996
32. *Minimally Invasive Techniques. Interactive Image-Guided Surgery*. Good Samaritan Hospital: 11/2/1996
33. *Acoustic Neuroma Panel Discussion/Firing Line*, Moderator. Contemporary Surgical Techniques for Acoustic Neuroma. Mayfield Clinic: 12/11/1996
34. *Facial Re-animation: Facial Nerve and "Seven/Twelve" Anastomosis Cadaveric Prosection*. (with Pensak) Contemporary Surgical Techniques for Acoustic Neuroma. Mayfield Clinic: 12/13/1996
35. *Surgical Approaches to Non-acoustic CPA Tumors*. Contemporary Surgical Techniques for Acoustic Neuroma. Mayfield Clinic: 12/13/1996
36. *The Transpetrosal Approach, Cadaveric Prosection*. Contemporary Surgical Techniques for Acoustic Neuroma, Mayfield Clinic: 12/13/1996

37. *Acoustic Neuroma: Surgical Approach Selection*. Acoustic Neuroma Association - Cincinnati  
Chapter: 10/22/1997
38. *Microvascular Decompression*. Trigeminal Neuralgia Support Group: 5/19/1998
39. *The Evolution of Cavernous Sinus Surgery in Cincinnati*. Invited Lecturer. The Mayfield Society  
Symposium: 6/6/1998
40. *What Is Skull Base Surgery?*
41. *Advanced Thinking for Metastatic Tumors*. The 1999 Midwest Regional Brain Tumor Conference:  
10/2/1999
42. *Recurrence of Acoustic Neuromas after Surgery*. The Acoustic Neuroma Support Group:  
10/16/1999
43. *Cranial Neurosurgery: Codman Instrument Co. Training Course*. Goodyear Laboratory. University  
of Cincinnati Medical Center: 1/7/1998; 3/4/1998; 3/17/1999
44. *Neurosurgery 101- Educational Course for Industry, The Zeiss Instrument Company*. Goodyear  
Laboratory, University of Cincinnati Medical Center: 9/9/1993; 1/10/1998; 1/27-28/1999
45. *Skull Base Surgery - Exploring the "Recesses of Your Mind."* Eighth Annual Neuroscience  
Symposium for Nurses: 3/3/2000
46. *Contemporary Perspectives of Acoustic Neuroma Treatment*. (oral)
47. *Translabrynthine and Suboccipital Approaches*. (workshop)
48. *Avoiding Complications of Treatment*. (Panel) Acoustic Neuroma Association National Meeting,  
Cincinnati, OH 6/22-24/2001
49. *Trigeminal Neuralgia and Facial Pain* (oral) ENT Clinical Update Series, Cincinnati, OH  
12/8/2001
50. *Stroke and the Neurosurgeon*. TGH Outreach Program. Seven Rivers Hospital. 1/13/2004
51. *Skull Base Surgery Tampa*. Clinical Lecture Series for Operating Room Personell in the Southern  
Florida. Sponsored by Synthes Corp. at Tampa General Hospital, Tampa, Florida 5/8/2004
52. *Skull Base Surgery*. Lecture to OR Nurses in Tampa Bay Area. Tampa General Hospital, Tampa,  
Florida
53. *Cerebral Aneurysms*. Presented to the Tampa Bay AORN - (Assoc. of Operating Room Nurses).  
James A. Haley Veteran's Hospital, Tampa, Florida 9/21/2004
54. *The Soul Made Flesh: How Tumors Affect the Brains*. Presented to the Tampa Bay AORN - 1014 (   
Assoc of Operating Room Nurses). James A. Haley Veteran's Hospital, Tampa, Florida  
2/21/2006
55. *Flat Earth Theory and its Application to Cavernous Sinus Surgery*. resented to the combined  
Neurosurgery/Neurology Grand Rounds. September 2006
56. *Tampa General Neurosurgery: Powered by USF*. Presented to Leadership Tampa.  
2/20/2013
57. *Tampa General Neurosurgery: Powered by USF*. Presented to Leadership Tampa.  
1/28/2015

**HANDS-ON CADAVERIC DISSECTION COURSES (Surgical Prosector):**

1. *Positioning for Success: A Practical Course on Surgical Positioning for Neurosurgery*, Course Director.
  - a. Congress of Neurological Surgeons Meeting, Baltimore, MD: 10/25/1987
  - b. Congress of Neurological Surgeons Meeting, Seattle, WA: 9/25/1988
2. *Surgery of the Skull Base: A Practical Course*
  - a. Goodyear Microsurgery Laboratory, University of Cincinnati, Cincinnati, OH. July 28-29, 1988;
  - b. September 19-20, 1988;
  - c. December 1-2, 1988;
  - d. June 22-23, 1989;
  - e. September 21-22, 1989;
  - f. November 30-December 1, 1989;
  - g. March 22-23, 1990;
  - h. June 21-22, 1990;
  - i. July 12-13, 1990;
  - j. September 13-14, 1990;
  - k. November 29-30, 1990;
  - l. March 14-15, 1991;
  - m. June 13-14, 1991; September 5- 6, 1991;
  - n. March 18-20, 1992;
  - o. June 22-24, 1992;
  - p. October 1-3, 1992;
  - q. December 3-5, 1992;
  - r. September 7-9, 1994;
  - s. September 6-8, 1995;
  - t. December 11-13, 1996
3. *Skull Base Surgery—Cavernous Sinus Surgery*, Course Director/Instructor
  - a. Congress of Neurological Surgeons Meeting, Atlanta, GA: 10/29/1989
  - b. American Association of Neurological Surgeons Meeting, Nashville, TN: 4/28/1990
  - c. Congress of Neurological Surgeons Meeting, Los Angeles, CA: 10/21/1990
  - d. American Association of Neurological Surgeons Meeting, New Orleans, LA: 4/20-25/1991
4. *Skull Base Surgery—Lateral Approaches*, Co-Director/Instructor. Congress of Neurological Surgeons Meeting, Vancouver, B.C.: 10/2-7/1993
5. *Skull Base Surgery—Anterior Transfacial Approaches*, Course Director / Instructor
  - a. Congress of Neurological Surgeons Annual Meeting, Chicago, IL: 10/1-6/1994
  - b. North American Skull Base Society Annual Meeting, Naples, FL: 2/18-21/1995
  - c. Congress of Neurological Surgeons Annual Meeting, San Francisco, CA: 10/14-19/1995
  - d. Congress of Neurological Surgeons Annual Meeting, Montreal, Quebec, Canada: 9/28-10/3/96



- e. Congress of Neurological Surgeons Annual Meeting, New Orleans, LA: 9/27-10/2/1997
6. *Skull Base Surgery—Transcondylar, Far Lateral, & Extreme Lateral Approaches*, Course Director
  - a. American Association of Neurological Surgeons Meeting, Minneapolis, MN: 4/27-5/2/1996
  - b. American Association of Neurological Surgeons Meeting, Denver, CO: 4/12-17/1997
  - c. American Association of Neurological Surgeons Meeting, Philadelphia, PA: 4/25-30/1998
  - d. American Association of Neurological Surgeons Meeting, New Orleans, LA: 4/24-29/1999
  - e. American Association of Neurological Surgeons Meeting, San Francisco, CA: 4/8-13/2000
7. *Skull Base Surgery—Anterolateral Skull Base Approaches*, Course Director
  - a. Congress of Neurological Surgeons Annual Meeting, Seattle, WA: 10/3-8/1998
  - b. Congress of Neurological Surgeons 49<sup>th</sup> Annual Meeting, Boston, MA: 10/30-11/2/1999
  - c. Congress of Neurological Surgeons 50<sup>th</sup> Annual Meeting, San Antonio, TX: 9/23-26/2000
  - d. American Association of Neurological Surgeons Meeting, Toronto, Canada 4/21-26/2001
  - e. Congress of Neurological Surgeons 51<sup>st</sup> Annual Meeting, San Diego, CA 9/29-10/4/2001
8. *Skull Base Surgery—A Cadaveric Dissection Course*, Course Director
  - a. Annual Meeting of the University of Alexandria, Alexandria, Egypt: 9/8-9/1998
  - b. Annual Meeting of the Egyptian Society of Neurological Surgeons, Cairo, Egypt: 3/8-12/1999
9. *Introduction to Neurosurgery of the Brain and Spine for Technical Specialists in Neuroscience*, Instructor. University of Cincinnati Medical Center, Cincinnati, OH: 7/22-23/1993
10. *Fronto-orbitozygomatic Approaches: Cavernous Sinus, Orbitozygomatic Osteotomy, and Anterior Petrosectomy*.
  - a. World Federation of Neurosurgical Societies Skull Base Surgery, Mexico City, Mexico: 10/1993. First International Skull Base Course, Mexico City, Mexico: 11/3-5/1994
  - b. Joint Meeting of the North American Skull Base Society and the German Skull Base Society, Lake Buena Vista, FL: 2/18-23/1994
11. *Petrous Lesions of the Skull Base*. First International Skull Base Course, Mexico City, Mexico: 11/3-5/1994
12. *Approaches to the Anterior Skull Base*, Instructor & Lecturer. 2<sup>nd</sup> International Skull Base Congress. 7<sup>th</sup> Annual Meeting of the American Skull Base Society, San Diego, CA: 6/24-7/4/1996
13. *Microsurgery of the Brain, Cranial Nerves and Skull Base ; Skull Base Tumors: Approaches to the Skull Base; Petrous ICA and Cavernous Sinus Exposure & Exposure of the Optic Canal ; Petrosal Approach &*

*Extreme Lateral Transcondylar*. PAWS Laboratory Skull Base Surgery Course, St. Louis, MO: 2/14-16/1997

14. *Trigeminal Neuralgia—Neuroscience Course*, Instructor/Course Faculty
  - a. University of Cincinnati Medical Center, Cincinnati, OH: 4/29/89; 4/20/1990
  - b. Congress of Neurological Surgeons Meeting, Chicago, IL: 10/1-6/1994
  - c. American Association of Neurological Surgeons Meeting, Minneapolis, MN: 4/27-5/2/1996
  - d. American Association of Neurological Surgeons Meeting, Denver, CO: 4/12-17/1997
  - e. American Association of Neurological Surgeons Meeting, Philadelphia, PA: 4/25-30/1998
  - f. American Association of Neurological Surgeons Meeting, New Orleans, LA: 4/24-29/1999
  - g. American Association of Neurological Surgeons Meeting, San Diego, CA: 4/26-5/1/2003
15. *Trigeminal Neuralgia—A Comparative Analysis of Surgical Techniques*, Course Director. Congress of Neurological Surgeons Meeting, New Orleans, LA: 9/27-10/2/1997
16. *Trigeminal Neuralgia - Microvascular Decompression for Trigeminal Neuralgia and Other Cranial Nerve Syndromes*, Course Director.
  - a. Congress of Neurological Surgeons Meeting, Boston, MA: 10/30-11/2/1999
  - b. Congress of Neurological Surgeons Meeting, San Diego, CA: 9/29-10/4/2001
17. *Trigeminal Neuralgia—Percutaneous Techniques*, Course Director
  - a. Congress of Neurological Surgeons Meeting, Seattle, WA: 10/3-8/1998
  - b. Congress of Neurological Surgeons Meeting, Boston, MA: 10/30-11/2/1999
  - c. Congress of Neurological Surgeons Meeting, San Antonio, TX: 9/23-26/2000
18. *Anterior, Anterolateral, and Posterolateral Approaches: Classification, Surgical Anatomy*. First Romanian Course of Skull Base Surgery with International Participation, Bucharest, Romania: 3/17-21/2001
19. *Frontotemporal Orbitozygomatic Approach and Cavernous Sinus Surgery*, Course Faculty  
Anspach Resident Neurosurgical Skull Base Workshop, Palm Beach Gardens, FL 7/20-24/2001
20. *Skull Base Surgery, Practical Course, Instructor*
  - a. MERI Laboratory, Memphis, Tenn. 1<sup>st</sup> Annual “Skull Base Course for Senior Neurosurgical Residents, 7/19-7/21/02 Focus: Cavernous Sinus, Translabyrinthine and Transcochlear Approaches.
  - b. MERI Laboratory, Memphis, Tenn. 4<sup>th</sup> Annual “Skull Base Course for Senior Neurosurgical Residents” 7/22-25/2005. Focus: FTOZ, Cavernous Sinus, Petrosal Approaches. MERI Laboratory, Memphis, Tenn. 5<sup>th</sup> Annual “Skull Base Course for Senior Neurosurgical Residents” 8/25-28/2006. Focus: FTOZ Approach and Cavernous Sinus Surgery
  - c. MERI Laboratory, Memphis, Tenn. 6<sup>th</sup> Annual “Skull Base Course for Senior Neurosurgical Residents: 2007. Focus: FTOZ and Cavernous Sinus Surgery
21. *Microsurgical Approaches to the Brain, Ventricles and Skull Base, Honored Visiting Professor*

McKnight Brain Institute, University of Florida, Gainesville, Florida. Course Director: Albert Rhoton. M.D.

- a. 2/10-2/14/03
- b. 2/25/2004
- c. 2/10/2006

22. *Hands-On Practical Workshop, 14<sup>th</sup> Annual Meeting of the North American Skull Base Society*, Instructor. MERI Laboratory, Memphis, Tenn. A comprehensive skull base surgery practical course. Course Director: Saleem I. Abdulrauf. Course Host: Jon H. Robertson. 2003
23. *North American Skull Base Surgery Society 15<sup>th</sup> Annual Meeting*, New Orleans, La. 2/11-2/17/2004 . Practical Workshop Lectures and Cadaveric Demonstration of FTOZ and Para-Cavernous Surgery
24. *Anterior Lateral Approaches to the Skull Base* Annual Meeting of the AANS, 5/1-5/6/2004 Practical Workshop Faculty, Cadaveric Demonstration of FTOZ, and Lecture entitled Cavernous Sinus Meningiomas, Things I Learned by Listening
25. *Skull Base Approaches for Cerebral Aneurysms* 54<sup>th</sup> Annual Meeting of the CNS, San Francisco, Ca 10/16-21,2004 Practical Workshop Faculty, Cadaveric Demonstration of Transcondylar Approach to PICA Aneurysms, and Lecture entitled Anterior Skull Base Approaches: approach selection.
26. *Minimalist Approach to Ordinary and Extraordinary Intracranial Surgery: Annual Course* Practical Workshop Faculty, Cadaveric Demonstration of FTOZ variants, and Lecture entitled “Extending the Pterional Approach” The Goodyear Microsurgery Laboratory, University of Cincinnati, Cincinnati, Ohio June 8-10, 2005
  - a. *2<sup>nd</sup> Annual Minimalist Approach Course*. July 19-22, 2006
  - b. *3<sup>rd</sup> Annual Minimalist Approach Course*. June 6-9, 2007. Course Faculty, Cadaveric Demonstration FTOZ, Lecture titled “Pterional Craniotomy, Turning the . Ordinary into a Work of Art.”
27. *Basic Skull Base Surgery: Applications for Tumor and Vascular Surgery*. Practical Course Director and Faculty, Cadaveric Dissection Format. Morning and afternoon sessions on skull base approaches to tumors and aneurysms. Congress of Neurological Surgeons, Annual Meeting. Chicago, Illinois October 7-12, 2006
28. *Middle and Posterior Cranial Fossa Surgical Approaches*. Practical Course Faculty, Cadaveric Dissection Format. North American Skull Base Surgery Society , 18<sup>th</sup> Annual Meeting. Chicago, Illinois. Rush University Anatomic Laboratory. May 24, 2007
29. *Skull Base Workshop: Medtronic Midas Rex*. Fort Worth, Texas
  - a. June 15-17, 2007
  - b. June 12-14, 2008
30. *Microscopic and Endoscopic Approaches for the Skull Base*. Allegheny General Hospital. Pittsburgh, Pennsylvania October 10-12,2007. Practical Dissection Demonstrations Lectures:
  - a. Pterional Approach: Turning the Ordinary into a Work of Art
  - b. Mobilization of the Dura of the Lateral Wall
  - c. Variations of the Transcondylar Approaches

31. *North American Skull Base Surgery Society*. Skull Base Surgery Course for Senior Neurosurgical Residents. MERI Laboratory, Memphis, Tenn.
  - a. Focus on FTOZ, Cavernous Sinus. 7/12-13/2008
32. Microscopic and Endoscopic Approaches to the Skull Base Cadaveric Training Course at IRCAD in Strasbourg, France  
January 27-29, 2010
33. 5<sup>th</sup> Annual Congress of Neurological Surgeons 3-D Surgical Anatomy Course for Senior Residents. PASE Laboratory with St. Louis University Department of Neurosurgery. St. Louis, Missouri. August 11-15, 2010. Course Co-Director and Faculty. Lecture and Cadaveric demonstration on 8/11/2010 Transcondylar Approaches.
34. Microscopic and Endoscopic Approaches to the Skull Base Cadaveric Training Course at IRCAD in Taichung, Taiwan  
September 22-24, 2010
35. Microscopic and Endoscopic Approaches for Skull Base Lesions and Cerebrovascular Bypass Session. Allegheny General Hospital. Pittsburgh, Pennsylvania. 9/30-10/3/2010.
36. Sixth Annual Microscopic and Endoscopic Skull Base Surgery Course. Allegheny General Hospital. Pittsburgh, Pennsylvania 10/11-14/2012.
37. **North American Skull Base Surgery** Workshop for Senior Neurosurgical Residents & Head & Neck Fellows. Louisiana State University, New Orleans, Louisiana
  1. 7/29-8/1/2011
  2. 7/26-7/28/2013
38. ***Master's Course in Skull Base Surgery***, *Course Organizer, Director, Lecturer*  
A 3-Day Cadaveric Dissection Training Course in Skull Base Surgical Techniques. Presented in the Osman Microsurgery Laboratory, Department of Neurosurgery, University of South Florida, Tampa, Florida. An Invitational Course Sponsored by Medtronic/Midas Rex taught by Skull Base Teams to senior resident teams combining Neurosurgery and Otolaryngology.
  - a. 1<sup>st</sup> Annual Master's Course in Skull Base Surgery 1/24-1/26/03 Osman Laboratory
  - b. 2<sup>nd</sup> Annual Master's Course in Skull Base Surgery 1/29-2/1/2004 Osman Laboratory
  - c. 3<sup>rd</sup> Annual Master's Course in Skull Base Surgery 1/20-1/23/2005 Osman Laboratory
  - d. 4<sup>th</sup> Annual Master's Course in Skull Base Surgery 1/20-122/2006 Osman Laboratory
  - e. 5<sup>th</sup> Annual Master's Course in Skull Base Surgery 2007 Osman Laboratory
  - f. 6<sup>th</sup> Annual Master's Course in Skull Base Surgery 1/31-2/3/2008 Osman Laboratory
  - g. 7<sup>th</sup> Annual Master's Course in Skull Base Surgery 2/12-2/14/2009 Osman Laboratory
  - h. 8<sup>th</sup> Annual Master's Course in Skull Base Surgery 1/14-16/2010 Osman Laboratory
  - i. 9<sup>th</sup> Annual Master's Course in Skull Base Surgery 2/3-5/2011 Osman Laboratory
  - j. 10<sup>th</sup> Annual Master's Course in Skull Base Surgery 2/9-11/2012 CAMLS
  - k. 11<sup>th</sup> Annual Master's Course in Skull Base Surgery 2/6-9/2013 CAMLS
  - l. 12<sup>th</sup> Annual Master's Course in Skull Base Surgery 2/6-8/2014 CAMLS
  - m. 13<sup>th</sup> Annual Master's Course in Skull Base Surgery 2/5-7/2015 CAMLS
39. Microscopic and Endoscopic Approaches for Skull Base Lesions and Cerebrovascular Bypass. Allegheny General Hospital. Pittsburgh, Pennsylvania November 7-9, 2013. *Workshop Co-Director:*

40. Microscopic and Endoscopic Approaches for Skull Base Lesions and Cerebrovascular Bypass. Allegheny General Hospital. Pittsburgh, Pennsylvania November 7-9, 2014. *Workshop Co-Director:*
41. Microscopic and Endoscopic Approaches for Skull Base Lesions and Cerebrovascular Bypass. Allegheny General Hospital. Pittsburgh, Pennsylvania November 5-8, 2015. *Workshop Co-Director:*
42. North American Skull Base Society 25<sup>th</sup> Annual Meeting. *Pre-Meeting Practical Dissection Course* Anterior and Posterior Petrosectomy Approaches. *Lecturer and Lab Faculty* CAMLS Tampa, Florida. 2/18/2015
43. The First Annual Course for Microscopic and Endoscopic Approaches to the Skull Base Surgical Approaches to the Cavernous Sinus Treatment Strategies for Petroclival Meningiomas CIT (*Center for Innovation and Training*), University of Colorado at Denver, Denver, Colorado 3/11-14, 2015
44. CNS 3-D Surgical Anatomy Course for Senior Residents. CavSinus/Sellar/Parasellar Tumors. *Lecturer and Lab Faculty* The University of Texas MD Anderson Cancer Center and Baylor College of Medicine MECCA Lab, Houston, Texas 8/20-23/2015
45. 14<sup>th</sup> Annual Master's Course in Skull Base Surgery Center for Advanced Medical Learning and Simulation (CAMLS) Tampa, Florida 3/17-19/2016
46. *Penn Distinguished Skull Base Professorship and Forum* Cadaveric Prosection: Anterior Petrosectomy to Skull Base Lesions University of Pennsylvania, Philadelphia, Pennsylvania 5/8/2017
47. 28<sup>th</sup> Annual Meeting of the North American Skull Base Surgery Society Pre-Meeting Dissection Course The Loews Coronado Bay, Coronado, California 2/14-2/17/2018 Presentation on 2/14/2018
48. Northshore University Health System and the University of Chicago Chicago Skull Base Surgery Hands -On Course Chicago, Illinois 8/11-1/2018
49. 12<sup>th</sup> Annual Ozarks Neuroscience Education Clinic Big Cedar Lodge, Ridgedale, Missouri. 8/23-25/2018 (Presentation on 8/24/2018)

**MEETINGS ORGANIZED**

1. 1986 The Mayfield-Aring Lectures: Current Concepts in the Pathophysiology and Treatment of Pain: Head and Facial Pain. University of Cincinnati Medical Center, Cincinnati, OH
2. 1987 The Mayfield-Aring Lectures: Epilepsy, Modern Treatment of an Ancient Disorder. The Christ Hospital, Cincinnati, OH
3. 1987 Instructional Course in Laboratory and Clinical Aspects of Laser and Microsurgery University of Cincinnati, Cincinnati, OH
4. 1987 Operative Positioning for Success in Neurosurgery, Congress of Neurological Surgeons, Baltimore, MD
5. 1988 The Mayfield-Aring Lectures: Cerebral Ischemia: The Prevention and Reversal of Stroke. University of Cincinnati Medical Center, Cincinnati, OH
6. 1989 The Mayfield-Aring Lectures: Current Concepts in Neuro-Oncology. University of Cincinnati Medical Center, Cincinnati, OH
7. 1989 Skull Base and Cavernous Sinus Surgery, Congress of Neurological Surgeons, Atlanta, GA
8. 1990 Skull Base Tumors, American Association of Neurological Surgeons, Nashville, TN
9. 1990 The Mayfield-Aring Lectures: The Decade of the Brain. University of Cincinnati Medical Center, Cincinnati, OH
10. 1990 Skull Base Surgery: Cavernous Sinus Approaches. Congress of Neurological Surgeons Meeting, Los Angeles, CA
11. 1991 Surgical Exposures of the Skull Base. American Association of Neurological Surgeons, New Orleans, LA
12. 1992 Mayfield-Aring Neuroscience Symposium, Cincinnati, OH
13. 1993 Skull Base Surgery Workshop. World Federation of Neurosurgical Societies, Mexico City, Mexico
14. 1994 Mayfield Aring Neuroscience Symposium, The Decade of the Brain: Challenges and Opportunities in Imaging and Therapeutics, Cincinnati, OH
15. 1994 Anterior Skull Base Approaches, Congress of Neurological Surgeons Annual Meeting, Chicago, IL
16. 1994 Trigeminal Neuralgia, Surgical Treatment. Congress of Neurological Surgeons Annual Meeting, Chicago, IL
17. 1995 Cervical Spine Disorders, The Mayfield NeuroSymposium for Primary Care Physicians, Cincinnati, OH
18. 1997 Trigeminal Neuralgia Association, First National Leadership Conference, Cincinnati, OH
19. 1998 Mayfield Clinic-Cleveland Clinic Winter Neuroscience Symposium, Snowmass, CO
20. 1999 Midwest Regional Meeting, National Brain Tumor Foundation, Cincinnati, OH
21. 1999 Mayfield Clinic-Cleveland Clinic Winter Neuroscience Symposium, Snowmass, CO
22. 2001 Acoustic Neuroma Association National Conference, Cincinnati, OH
23. 2010 **Neurological and Neurosurgical Therapeutics: Contemporary Diagnosis and Management 2010.** 5/7-8/2010 Tampa, Florida



- 24. 2011 **Neurological and Neurosurgical Therapeutics: Contemporary Diagnosis and Management 2011.** 5/20-21/2011 Tampa, Florida
- 25. 2018 3<sup>rd</sup> IMRIS Global User's Symposium  
Center for Advanced Medical Learning & Simulation (CAMLs)  
Tampa, Florida 9/13-15/2018

**Teaching Experience: Resident Training**

- 1990 Martin Buckingham - Rockford, Illinois  
Stuart Weil - Houston, Texas [Baylor College clinical appointment]
- 1991 Bradley Mullen – Mayfield Clinic [University of Cincinnati clinical appointment]  
Daniel Scodary - St. Louis, Missouri [Washington University clinical appointment]
- 1992 Arthur Arand - Mansfield, Ohio  
James Fick - Augusta, Georgia [Medical College of Georgia clinical appointment]
- 1993 Christopher Miller - Eugene, Oregon
- 1994 Troy Payner - Indianapolis, Indiana [Indiana University clinical appointment]  
Michael Stanley - Philadelphia, Pennsylvania
- 1995 Brad Skidmore - Mayfield Clinic [University of Cincinnati clinical appointment]  
Wayne Villanueva - Louisville, Kentucky [University of Louisville clinical appointment]
- 1996 Ajay Bindal - Houston, Texas  
Adam Lewis - Jackson, Mississippi  
Jamal Taha - Mayfield Clinic [University of Cincinnati clinical appointment]
- 1997 Glenn Keiper - Eugene, Oregon  
Jeff Larson - Spokane, Washington
- 1998 David Gruber - Spokane, Washington
- 1999 Andrew Kokkino - Eugene Oregon  
Thomas Manski - Fort Walton Beach, Florida  
Andrew Ringer - Mayfield Clinic [University of Cincinnati clinical appointment]
- 2000 Christopher Kager - Spine Fellowship, Cleveland Clinic Foundation
- 2001 Jonathan Sherman - Spine Fellowship, University of Pittsburgh
- 2001 Ioannis Fouyas – Practicing Edinburgh, Scotland
- 2002 Robert Bohinski – Asst. Professor, Mayfield Clinic/University of Cincinnati, Cincinnati, Oh.
- 2002 Paul Cohen – Asst. Professor, Mayfield Clinic/University of Cincinnati, Cincinnati, Oh.
- 2003 Michael Hajjar – Practicing in Boise, Idaho
- 2004 Donna Saatman – Practicing in Brandon, Florida
- 2005 Mark Melton – US Army, Iraq; Seattle  
Evan Packer – Practicing in Boca Raton, Florida
- 2006 Ed Duckworth - Asst. Professor Baylor University, Houston, Tx.
- 2007 Juan Uribe – Assoc. Professor, University of South Florida, Tampa, Fl.  
Donald Sachs – Practicing in Lakeland, Florida
- 2008 Tann Nichols – Asst. Professor, University of Cincinnati, Mayfield Clinic, Cincinnati, Ohio  
Samy Youssef – Assoc. Professor, University of South Florida, Tampa, Florida

- 2009 Magda Banasiak- Practicing in Salem, Oregon  
Nicholas Arredondo – Practicing in Wallawalla, Washington
- 2010 Edwin Ramos – Asst. Professor, University of Chicago  
Clint Burkett – Practicing in Ft. Lauderdale, Fl.
- 2011 Ali Baaj -Asst. Professor U. of Arizona, Tucson, Az.
- 2012 Glen Pollock – Asst. Professor Medical College of Wisconsin, Madison Wisconsin  
Elias Dakwar – Asst. Professor University of South Florida, Tampa, Fl.
- 2013 Tsz Lau – Asst. Professor University of South Florida, Tampa, Fl.  
Tien Le – Complex Spine Fellowship University of Tenn. Memphis, Tenn.
- 2014 Armen Deukmedjian – Asst. Professor, University of South Florida  
Rohit Vasan – Asst. Professor, University of South Florida
- 2015 Amir Ahmadian – Practicing in Hudson, Florida  
Angela Downes – Neurotrauma Fellowship, Univ. of Denver. Denver, Colorado  
Asst. Professor Univ. of Denver  
Jotham Manwaring – Practicing in Colorado Springs, Colorado
- 2016 Puya Alikhani – Asst. Professor, University of South Florida
- 2017 Josh Beckman – United States Air Force  
Yusef Mosely – Fellowship  
Michael Park – Practicing in Sarasota, Florida
- 2018 Scott Raffa – Fellowship Spine University of Miami  
Stephen Reintjes – Practicing in Kansas City, Kansas
- 2019 Jason Palluzi – Practicing in Tampa Florida  
Andrew Vivas – Fellowship Spine, Columbia University

### Teaching Experience: Clinical Fellowship Training

- 1990-1991 Magdy El-Kalliny, M.D.  
Positions after fellowship: Lecturer in Neurosurgery/Assistant Professor of Neurosurgery, Ain Shams University, Cairo, Egypt;  
Current: Private practice in Somerset, KY
- 1991-1992 Patricia Fernandez, M.D.  
Positions after fellowship: Wayne State University (computer assisted neurosurgery and spine fellowship); Hospital Juan A. Fernandez, Buenos Aires, Argentina; University of Illinois at Chicago, Department of Neurosurgery (master in science program)
- 1992-1993 Murali Guthikonda, M.D. Practice in Ohio  
Current: Prof. and Chair Wayne State University, Detroit, Michigan
- 1993- 1994 Alain Bouthillier, M.D. Notre Dame Hospital, Montral, Canada  
Current: Prof. Notre Dame Hospital
- 1994-1995 Michael O'Sullivan, M.D. University of Edinburgh, Edinburgh, Scotlan

- Current: Chair. Belfast, Ireland
- 1995-1996 Shih Sing Liu, M.D. Barrow Neurological Institute  
Current: Clinical Instructor, Medical Editor. Univ. of South Florida
- 1996-1997 Michael Tauber, M.D.  
Position after fellowship: Academic position in Tel Aviv, Israel
- 1997-1998 Michael Chiccoine MD. Washington University, Barnes Hospital, St. Louis, Mo.  
Current: Prof. Wash. U. Barnes Hospital, St. Louis, Mo.
- 1998-1999 Abhay Sanan, M.D. Barrow Neurological Institute  
Current: Neurological Associates of Tucson, Tucson, Arizona  
Asst. Professor Univ. of Arizona
- 1999-2000 Khaled Aziz, M.D. Ain Shams University, Cairo, Egypt
- 2000-2001 Walter Jean, M.D. Georgetown University, Washington DC.  
Current: Prof. Georgetown University, Washington DC.
- 2000-2001 Khaled Aziz, M.D. Ain Shams U., Cairo, Egypt & U. of Cincinnati  
Current: Assoc. Prof. Allegheny General Hospital.
- 2001-2003 Samy Youssef MD, PhD. Ain-Shams University, Cairo, Egypt  
Current: Asst. Prof. University of South Florida, Tampa, Florida
- 2003-2005 Siviero Agazzi MD. University of Lausanne, Lausanne, Switzerland  
Current: Assoc. Prof. University of South Florida, Tampa, Florida
- 2005-2006 Samuel Barnett MD. University of Texas, Southwestern Medical Center, Dallas, Texas  
Current: Asst. Prof. UTSouthwestern, Dallas, Tx.
- 2006-2007 Anthony D'Ambrosio. Columbia University, New York, New York  
Current: Asst. Prof. Columbia University, N.Y., N.Y.
- 2007-2008 Nicholas Levine MD. University of Cincinnati, Cincinnati, Oh  
Current: Asst. Prof. M.D. Anderson Cancer Center, Houston, Tx.
- 2008-2009 Rashid Janjua MD. University of Kentucky, Louisville, Kentucky  
Current: Asst. Prof. Wake Forest Univ., Winston-Salem, N. Carolina
- 2009-2010 Michael Huang MD. Georgetown University, Washington DC.  
Current: Asst. Prof. University California San Francisco
- 2010-2011 Raul Olivera MD St. Louis University, St. Louis, Mo.
- 2010-2011 Tsz Lau MD (*infolded*) University of South Florida, Tampa, Fl.  
Current: Asst. Prof. University of South Florida
- 2011- 2012 Justin Sweeney MD. St. Louis University, St. Louis, Mo.  
Current: Practicing St. Louis, Mo.
- 2012-2013 Andrew Carlson MD. Univ. of New Mexico, Albuquerque, New Mexico  
Current: Asst. Prof. Univ. of New Mexico  
Jamie VonGompel MD. Mayo Clinic, Rochester, Minnesota.  
Current: Asst. Prof. Mayo Clinic.
- 2013-2014 Kenny de los Reyes MD. Icahn School of Medicine, Mt. Sinai, New York, New York  
Current: Asst. Prof. Loma Linda University
- 2014-2015 Ricky Wong MD. University of Chicago, Chicago, Illinois
- 2015-2016 Ramsey Ashour MD. University of Miami & Brigham  
Current: Asst. Prof. Univ. of Texas, Austin

- 2016-2017 Jayson Sack MD. University of California, San Diego, California  
Current: Asst. Prof. Univ. of South Florida
- 2017-2018 P.K. Agarwalla MD, Massachusetts General Hospital, Harvard  
Current: Asst. Prof. Rutgers University, New Jersey

**Postgraduate Research Fellows**

- 1993-1994 Hiroshi Wanifuchi, MD  
Tokyo Women's Medical College, Tokyo, Japan
- 1993-1994 Seong-Hoon Oh, MD  
Hanyang University, Seoul, South Korea
- 1997-1998 Jae Min Kim, MD  
Hanyang University, Kuri, South Korea
- 1997-1998 Alberto Romano, MD  
Messina University, Messina, Italy
- 1997-1999 Khaled Aziz, MD  
Ain-Shams University, Cairo, Egypt
- 1998-1999 Rashid Janjua, MD  
University of Leiden, The Netherlands
- 1999-2000 Sebastien Froelich, MD  
University of Strasbourg, Strasbourg, France