

CURRICULUM VITAE

John Gordon Frazee, M.D.

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Date of Birth: June 21st, 1945
Place of Birth: Louisville, Kentucky
Marital Status: Married
Spouse: Donna
Children: Julie: Dakotah: Chloe: Matthew: Kristiana
California Medical Licence No: G33185 **Expires:** 06/30/2021
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EDUCATION

Linfield College
McMinnville, Oregon
B.A. with Special Honors, Psychology 1967

University of California, Berkeley
Experimental Psychology 1967-1968

Portland State College
Portland, Oregon
Premedical Courses 1968-1971

Research Assistant, Robert Dow Laboratory
of Neurophysiology, Good Samaritan Hospital
Portland, Oregon 1968-1971

University of Rochester School of Medicine
Rochester, New York 1971-1975

POSTGRADUATE TRAINING

Surgical Internship
UCLA School of Medicine
Los Angeles, California 1975-1976

Surgical Residency
UCLA School of Medicine
Los Angeles, California 1976-1977

Neurosurgical Residency
UCLA School of Medicine
Los Angeles, California 1977-1982

Cerebrovascular Fellow
Department of Clinical Neurological Sciences
Division of Neurosurgery
University of Western Ontario
London, Ontario (Canada)
Directed by: Sydney J. Peerless, M.D.
and Charles G. Drake, M.D. 1984 (Sept-Oct)

Neuroendoscopy Certification Course
Director: Dr. Kim Manwaring
Phoenix Children's Hospital
Phoenix, Arizona 1993 (June)

BOARD CERTIFICATION

Diplomat, American Board of
Neurological Surgery (DABNS) 1984 (September)

FACULTY APPOINTMENTS

Assistant Professor of Neurosurgery
UCLA School of Medicine 1982-1989

Assistant Chief
Neurosurgery Section
Wadsworth VA Medical Center 1982-1983

Acting Chief
Neurosurgery Section
Wadsworth VA Medical Center 1983-1984

Chief 1984 – March 18, 2019
Neurosurgery Section
West Los Angeles VA Medical Center

Associate Clinical Professor 1989-1996
Compensated Series - Neurosurgery
UCLA School of Medicine

Clinical Professor 1996 – March 18, 2019
Department of Neurosurgery
UCLA School of Medicine

Retired from West Los Angeles VA Medical Center March 18, 2019

Professor Emeritus March 10, 2020
Department of Neurosurgery
UCLA School of Medicine

HONORS and AWARDS

Pi Gamma Mu 1967
National Social Service - Honor Society

Alpha Omega Alpha 1974
Medical Honor Society

Psychology Research Scholarship 1966-1967
Linfield College

Graduate Research Scholarship 1967-1968
Experimental Psychology
University of California, Berkeley

Katherine W. Whipple Academic Scholarship 1971-1975
University of Rochester

Summer Medical Research Fellowship 1973 and 1974
University of Rochester

Naffziger Research Award 1979-1982
UCLA School of Medicine

First Prize - Young Investigator Award 1984

Greater Los Angeles Chapter of
The American Heart Association

First Prize - American Association of
Emergency Services Personnel (Lectureship)
Naples, Florida 1996

The Best Doctors in America (4th Edition) 1998-99
Editor: Steven W. Naifeh; Woodward/White Inc

Alumni Award, Linfield College 1999

PROFESSIONAL SOCIETIES

Alpha Omega Alpha 1974
Western Neurosurgical Society 1986
Southern California Neurosurgical Society 1986
Congress of Neurological Surgeons 1987
American Association of Neurological Surgeons 1987
Member - AANS/CNS Joint Section on
Cerebrovascular Surgery 1996

TEACHING EXPERIENCE

Instructor 1982-1989
Laser Surgery Course for
General and Neurosurgery Residents

First Year Medical Student Clinical
Tutorial 1982-1989

Third Year Medical Student Clinical
Tutorial 1982-1993

Lecturer 1982-1993
Head and Spine Trauma
Third Year Medical Student Surgical Clerkship

Advisor 1983-1993
UCLA Neurosurgery Residents

Intro to Research and Medicine 1988-1989

First Year Preceptorship

RESEARCH FELLOWS

Xia Luo, M.D. 1992-1997
Guo-Ming Luan, M.D. 1992-1994

ADMINISTRATIVE POSITIONS

Director 1982-1986
Microvascular Surgery Course for
Neurosurgery Residents

Director 1983-Present
UCLA Neurosurgery Residency Training
Wadsworth VA Medical Center

Chairman 1988-1989
MRI Task Force Committee
Wadsworth VA Medical Center

Director 1992-1993
Neurosurgical Training
Third Year Medical Students

Director 1987-1999
Neuroperfusion Research Program

Director 1993-2014
Neuroendoscopy Program
UCLA David Geffen School of Medicine

Chairman – Risk Management Committee
UCLA David Geffen School of Medicine 2003-2011

UNIVERSITY SERVICES

Transfusion Review Committee 1982-1984
Acute Care Medicine Committee 1982-1989
Emergency Medicine Committee 1982-1989
Surgical Resident Training Committee 1982-1992
Intensive Care Unit Committee 1982-1989
Neurological Trauma Committee 1983-1989

Surgical Laser Course Committee	1983-1989
Member, Search Committee for New Neurosurgery Chairman	1983-1985
Director	1983-1986
Microvascular Surgery Lab Co-Director	1983-1985
Laser Surgery Laboratory Director	1983-1987
Neurosurgical ICU Neurosurgery ICU Construction Committee	1984-1987
Department of Surgery Executive Committee Ad Hoc Committee	1985-1987 9/85-10/85
Academic Promotion ICU Task Force Committee	1986-1987
The Chairman's Committee "Nobleness of Purpose"	1986-1987
The Ad Hoc Committee to Study the Wisdom and Feasibility of Developing a UCLA-based Program in Critical Care Representative	1986-1987 1987-1989
UCLA Academic Senate *Risk Management Committee	1988-2011
Informed Consent Functional Team	2000-2002
Chairman	2003-2009
Vice-Chairman	
1991-1998	
Chancellor's Animal Research Committee Member	
Chancellor's Animal Research Committee *Member	1999-2002
Medical Information & Communications Planning *Member	2000-2013
Minimally Invasive Surgery Committee *Physician Coding/Reimbursement Advocate	2000-2013 2002-2013
*Member – Medical Staff Executive Committee	2003-2013

REGIONAL AND NATIONAL SERVICE

Sergeant-at-Arms Congress of Neurological Surgeons	1989/1990/1991
Secretary-Treasurer	1993-1997

Southern California Neurosurgical Society	
Assistant Program Director Western Neurosurgical Society	1995
Program Director Western Neurosurgical Society	1996
President Southern California Neurosurgical Society	1997-1999
Neurosurgical Examiner American Board of Neurological Surgery	2000
Veterans Administration Neurosurgery Advisory Panel Member	2015-2017

COURSE PRESENTATIONS

Southern California Neurological Society Annual Meeting - Neuroendoscopy	May, 1994
West Los Angeles VA Neuroendoscopy Course	July, 1994
UCLA Minimally Invasive Neurosurgery Neuroendoscopy Section	August, 1994
Instructor Ethicon Neuroendoscopy Workshop Ethicon Research Labs Cincinnati, Ohio	September, 1994
Instructor – Intracranial Endoscopy Course Congress of Neurological Surgeons Montreal, Quebec.	October 1996
Instructor Practical Anatomy Workshop-Neuroendoscopy Univ. of St. Louis St. Louis, Missouri	October 21-22, 1994 February 10-11, 1995 April 7-8, 1995 June 23-24, 1995 October 27-28, 1995 June 13-15, 1996 May 15-16, Oct 29-31, 1998

Instructor – Intracranial Endoscopy
October 31, 1999
Congress of Neurological Surgeons
Boston, Massachusetts

Coordinator & Instructor – UCLA Spine Course
Division of Neurosurgery

June 9, 2001
August 18, 2001
October 27, 2001
January 12, 2002
September 17, 2002

Director, Endoscopy Course
American Association of Neurological Surgeons
Memphis, TN

January 30-Feb 2, 2003

Director,
Practical Training in Neuroendoscopy
General and Neurosurgery Residents
UCLA Division of Neurosurgery

2006

SPECIAL PRESENTATIONS

Neuroperfusion Computer Graphics Video Animation, February 1996
John G. Frazee, M.D., Xia Luo, M.D., Benny Terry

Neuro-endoscopy, April 1999, Karl Storz Headquarters, Los Angeles, CA.

Neuro-endoscopy, May 1999, Karl Storz Headquarters, Los Angeles, CA.

Neuro-endoscopy, August 1999, Karl Storz Headquarters, Los Angeles, CA.

Neuro-endoscopy, August 1999, Computer Motion, Santa Barbara, CA.

Neuro-endoscopy, November 1999, Karl Storz Headquarters, Los Angeles, CA.

Neurosurgical Procedures, August 2003, Karl Storz Headquarters, Los Angeles, CA.

RESEARCH GRANTS

Principal Investigator

Title: “Cerebral Blood Flow, Cerebral Vasospasm and Treatment”.

Dates: 1981-1983

Source: American Heart Association
Amount: \$42,000

Consultant

Title: "PET: Normal Cerebral Function and Affective Disorders"
Dates: 1983-1988
Source: NIH

Co-Investigator

Title: "Cerebral Protection with Diltiazem"
Dates: 1985-1986
Source: Division of Neurosurgery
Amount: \$30,000

Co-Investigator

Title: "Intraventricular Bethanechol in Dementia of the Alzheimer Type"
Dates: 1985-1986
Source: Infusaid, Incorporated
Amount: \$30,000

Co-Investigator

Title: "Graphic Teaching Station" (GTS) Development
Date: 1987
Source: UCLA Department of Surgery
Amount: \$27,512

Principal Investigator

Title: "Diltiazem for the Treatment of Cerebral Vasospasm"
Date: 1982-1987
Source: Marion Laboratories
Amount: \$83,000

Principal Investigator

Title: "Diltiazem for the Treatment of Stroke"
Date: 1986
Source: Neuroscience Corporation
Amount: \$72,000

Principal Investigator

Title: "Cerebral Retroperfusion"
Date: 1987-1991
Source: Retroperfusion Systems, Incorporated
Amount: \$138,000

Principal Investigator

Title: "Cerebral Neuroperfusion"
Date: 1992
Source: Neuroperfusion Systems, Incorporated
Amount: \$226,000

Principal Investigator

Title: "Cerebral Neuroperfusion"
Date: 1993
Source: Neuroperfusion Systems, Incorporated
Amount: \$180,000

Principal Investigator

Title: "Cerebral Neuroperfusion in Baboons"
Date: 1994
Source: Neuroperfusion Systems, Incorporated
Amount: \$135,000

Principal Investigator

Title: "Retrograde Neuroperfusion for Ischemic Brain in Rabbit with 2-D
Glucose"
Date: 1994
Source: Alliance Pharmaceutical Corporation
Amount: \$30,000

Principal Investigator

Title: "Cerebral Neuroperfusion in Baboons"
Date: 1995
Source: Neuroperfusion Systems, Incorporated
Amount: \$25,000

Principal Investigator

Title: "Retrograde Neuroperfusion for Ischemic Brain": Clinical Trials
Date: 1995
Source: Neuroperfusion Systems, Incorporated
Amount: \$100,000

Principal Investigator

Title: "Retrograde Neuroperfusion for Ischemic Brain"
Date: 1996
Source: Neuroperfusion Systems, Incorporated
Amount: \$100,000

Principal Investigator

Title: "Retrograde Neuroperfusion for Ischemic Brain"

Date: 1997
Source: Neuroperfusion Systems, Incorporated
Amount: \$80,000

Principal Investigator

Title: "Retrograde Neuroperfusion for Ischemic Brain"
Date: 1998-99
Source: Neuroperfusion Systems, Incorporated
Amount: \$100,000

SCIENTIFIC PAPERS

1. Grimm RJ, **Frazeo JG**, Kawasaki T, Savic M. Cobalt epilepsy in the squirrel monkey. EEG Clin. Neurophysiology: 29: 525-528, 1970.
2. Grimm RJ, **Frazeo JG**. Suppression of cerebellar evoked response in cerebral cortex during drowsiness in the squirrel monkey. Int. J. Neurology: 7: 113-125, 1970.
3. Grimm RJ, **Frazeo JG**, Bell CC, Kawasaki T, Dow RS: Quantitative studies in cobalt model epilepsy. Int. J. Neurology: 7: 126-140, 1970.
4. Grimm RJ, **Frazeo JG**, Ozbay S. After discharge bursts in cobalt and penicillin foci in primate cortex. EEG Clin. Neurophysiology: 34: 281-301, 1973.
5. **Frazeo JG**, Cahan LD, Winter J. Bacterial intracranial aneurysms. J. Neurosurgery: 53: 633-641, 1980.
6. Giannotta SL, **Frazeo JG**. Treatment of cerebral vasospasm with intravascular volume expansion and induced hypertension. Contemp. Neurosurgery: 2: 1-6, 1980.
7. Renaudin JW, **Frazeo JG**, Subdural empyema-importance of early diagnosis. Neurosurgery 7: 477-479, 1980.
8. **Frazeo JG**, Giannotta SL, Stern WE. Intravenous nitroglycerin for the treatment of chronic cerebral vasoconstriction in the primate. J. Neurosurgery 55: 865-868, 1981.
9. **Frazeo JG**, A primate model of chronic cerebral vasospasm. Stroke 13: 612-614, 1982.
10. Young RF, **Frazeo JG**, Gas within intracranial abscess cavities: An

indication for surgical excision. *Annals of Neurology* 16: 35-39, 1984.

11. **Frazee JG**, Bevan JA, Bevan RD, Jones KR. Effect of diltiazem on experimental chronic cerebral vasospasm in the monkey. *J. Neurosurgery* 62: 912-917, 1985.
12. Bevan JA, Bevan RD, **Frazee JG**. Experimental chronic cerebrovascular spasm in the monkey: An assessment of the functional changes in cerebral arteries and their protection by diltiazem. *Amer. J. of Cardiology* 56: 15H-20H, 1985.
13. Johnson LN, Hepler RS, Yee RD, **Frazee JG**, Simmons, KB. Magnetic resonance imaging of craniopharyngioma. *Amer. J. Ophthalmology* 102: 242-244, 1986.
14. Bevan JA, Bevan RD, **Frazee JG**. Functional arterial changes in chronic cerebral vasospasm in monkeys: An invitro assessment of the contribution to arterial narrowing. *Stroke* 18: 472-481, 1987.
15. Hieshima GB, Reicher MA, Higashida RT, Hallbach VV, Cahan LD, Martin NA, **Frazee JG**, Rand RW, Bentson JR: Intraoperative digital subtraction neuroangiography: A diagnostic and therapeutic tool. *Amer. J. of Neuroradiology* 8: 759-767, 1987.
16. Moffitt, Duffy KR, Lufkin R, **Frazee JG**, Vinuela F, Bentson J. MR imaging of intrachiasmatic hemorrhage. *Journal of Computer Assisted Tomography*, 12(3): 535-539, May/June, 1988.
17. Bevan RD, Bevan JA, **Frazee JG**, Diltiazem protects against functional changes in chronic cerebrovasospasm in monkeys. *Stroke* 19: 73-79, 1988.
18. **Frazee JG**, Bevan JA, Bevan RD, Jones KR, Bivens LV. Early treatment with diltiazem reduces the delayed cerebral vascular narrowing following subarachnoid hemorrhage. *Neurosurgery* 23(5): 611-615, 1988.
19. Spickler E, Lufkin R, Teresi L, **Frazee JG**, Vinuela F, Dion J, Bentson J, MR imaging of acute subarachnoid hemorrhage. *Computerized Medical Imaging and Graphics* 14 (1): 67-77, 1990.
20. **Frazee JG**, Jordan SE, Dion JE, Kar S, Vinuela F, Rand RW, and Corday E. Ischemic brain rescue by transverse perfusion in baboons with venous sinus occlusion. *Stroke* 21: 87-93, 1990.

21. Read SL, **Frazee JG**, Shapiro J, Smith C, Cummings J, Tomiyasu U. Intra-cerebro ventricular bethanechol for Alzheimer's disease. Variable dose-related responses. *Archives of Neurology* 47: 1025-1030, 1990.
22. Bergsneider M, **Frazee JG**, DeSalles TA, Thalamostriate artery aneurysm within the third ventricle. Case report. *J Neurosurgery* 81(3): 463-465, 1994.
23. Vinters HV, Secor DL, Read SL, **Frazee JG**, Tomiyasu U, Stanley TM, Ferreira JA, Akers MA. The microvasculature in brain biopsies from patients with Alzheimer disease. An immunohistochemical and ultrastructural study. *Ultrastructural Pathology* 18: 333-348, 1994.
24. **Frazee JG**, Luo X, Shiroishi MS, Guoming L. A pilot study on the ability of retrograde transvenous neuroperfusion to rescue baboon brain with severe ischemia. *J Stroke and Cerebrovascular Diseases* 6(4): 210-216, 1997.
25. **Frazee JG**, King WA, De Salles AAF, Bergsneider M. Endoscopic-assisted clipping of cerebral aneurysms. *J Stroke and Cerebrovascular Diseases* 6(4): 240-241, 1997.
26. **Frazee JG**, Kelly DF. Treatment of unruptured aneurysms. *J Stroke and Cerebrovascular Diseases* 6(4): 227-229, 1997.
27. Malisch TW, Guglielmi G, Vinuela F, Duckwiler G, Gobin YP, Martin NA, **Frazee JG**. Intracranial aneurysms treated with the Guglielmi detachable coil: midterm clinical results in a consecutive series of 100 patients. *J Neurosurgery* 87(2): 176-183, 1997.
28. Murayama Y, Malisch T, Guglielmi G, Mawad ME, Vinuela F, Duckwiler R, Gobin YP, Klucznick RP, Martin NA, **Frazee J**. Incidence of cerebral vasospasm after endovascular treatment of acutely ruptured aneurysms: report on 69 cases. *J Neurosurgery* 87(6): 830-835, 1997.
29. Solander S, Ulhoa A, Vinuela F, Duckwiler GR, Gobin P, Martin NA, **Frazee JG**, Guglielmi G. Multiple intracranial aneurysms treated by embolization with GDC coils. *Interventional Neuroradiology* 3, Supplement 1, pp 70-, 1997
30. Malisch T, Guglielmi G, Vinuela F, Duckwiler G, Gobin P, Martin N, **Frazee J**. Unruptured aneurysms presenting with mass effect symptoms: response to endosaccular GDC treatment. Part I. Symptoms of cranial nerve dysfunction. *J Neurosurg* 89: 956-961, 1998.
31. Solander S, Ulhoa A, Vinuela F, Duckwiler, GR, Gobin P, Martin NA, **Frazee JG**, Guglielmi G. Endovascular treatment of multiple intracranial

aneurysms with Guglielmi detachable coils. Submitted for publication to Journal of Neurosurgery (1998).-need info update

32. **Frazee JG**, Luo X, Luan G, Hinton DS, Hovda DA, Shiroishi BS, Barcliff LT. Retrograde transvenous neuroperfusion - A back door treatment for stroke. Stroke 29: 1912-1916, 1998.
33. Jahan R, Duckwiler GR, Kidwell S, Gobin P, Saver J, Starkman S, Dobkin B, Vespa P, Martin N, **Frazee J**, Vinuela F. Intra-arterial thrombolysis for treatment of acute stroke: Experience in 26 cases with long-term follow-up. Amer J Neuroradiology 20: 1291-1299, 1999.
34. King WA, Ullman JS, **Frazee JG**, Post KD, Bergsneider M. Endoscopic resection of colloid cysts: Surgical considerations using the rigid scope. Neurosurgery 44(5): 1103-1109, 1999
35. Bergsneider M. Holly LT, Lee JH, King WA, **Frazee JG**. Endoscopic management of cysticercal cysts within the lateral and third ventricles. Journal of Neurosurgery 92:14-23, Jan/Vol III/2000
36. Villablanca JP, Martin NA, Jahan R, Gobin PY, **Frazee, JG**, et al. Volume rendered helical CT angiography in detection and characterization of intracranial aneurysms. J. Neurosurgery 93(2): 254-264, Aug 2000
37. Song JK, Vinuela F, Gobin PY, Duckwiler GR, Murayama Y, Kureshi I, **Frazee JG**, Martin NA. Surgical and endovascular treatment of spinal dural arteriovenous fistulas: long-term disability assessment and prognostic factors. J Neurosurg (Spine 2) 94: 199-204, 2001
38. Kidwell CS, Saver JL, Mattiello J, Warath S, Liebeskind DS, Starkman S, Vespa P, Villablanca JP, Martin NA, **Frazee JG**, Alger JR. Diffusion-perfusion MR evaluation of perihematomal injury in hyperacute intracerebral hemorrhage. Neurology 57: 1611-1617, 2001
39. Soon JK, Gobin PY, Duckwiler GR, Murayama Y, **Frazee JG**, Martin NA, Vinuela F. N-Butyl 2-cyanoacrylate (NBCA) embolization of spinal dural arteriovenous fistulae. AJNR am J Neuroradiol 22(1): 40-47, 2001
40. Villablanca JP, Hooshi P, Martin N, Jahan R, Duckwiler G, Lim S, **Frazee JG**, Gobin P, Sayre J, Bentson J, Vinuela F. 3-D helical CT angiography in the diagnosis, characterization and management of middle cerebral artery aneurysms – comparison with conventional angiography and intraoperative findings. J Neurosurg 97(6): 1322-1332, 2002

41. Villablanca JP, Jahan R, Hooshi P, Lim S, Duckwiler G, Patel A, Sayre J, Martin N, **Frazee J**, Bentson J, Vinuela. Detection and characterization of very small cerebral aneurysms by using 2D and 3D helical CT angiography. *AJNR* 23: 1187-1198, 2002
42. Chute DJ, Burton EC, Klement IA, **Frazee JG**, Vinters HV. Primary intramedullary spinal cord germinoma: Case report. *J Neurooncol* 63(1): 69-73, 2003
43. Murayama Y, Nien YL, Duckwiler G, **Frazee J**, Martin N, Vinuela F. Guglielmi Detachable Coil embolization of cerebral aneurysms: 11 years' experience. *J Neurosurg* 98(5) : 959-966, 2003
44. Vespa PM, O'Phelan K, Mirabelli J, Mohsin S, Starkman S, Kidwell C, Saver J, Nuwer MR, **Frazee JG**, McArthur DA, Martin NA. Acute seizures after intracerebral hemorrhage: a factor progressive midline shift and outcome. *Neurology* 60(9): 1441-1446, 2003
45. Villablanca JP, Achiriolaie A, Hooshi P, Martin N, Duckwiler G, Jahan R, **Frazee JG**, Gobin P, Sayre J, Varjavand B, Nguyen K, Vinuela F. Posterior Circulation Aneurysms: Detection and treatment planning using volume-rendered 3-D helical computed tomography angiography. (In Press)
46. Gonzalez N, Murayama Y, Lien YL, **Frazee J**, Martin N, Gobin P, Vinuela, F. Embolization of unruptured cerebral aneurysms with GDCs: Clinical experience in 247 aneurysms. (In Press)
47. **Frazee J**, Fried I, Kawamoto H, Lazareff J, Nieto J, Patel S, Urata M, Van de Wiele B. The separation of Guatemalan craniopagus twins. *Childs Nervous System* (20): 593-600, 2004
48. Vespa P, McArthur D, Miller C, O'Phelan K, **Frazee J**, Kidwell C, Saver J, Starkman S, Martin N. Frameless stereotactic aspiration and thrombolysis of deep intracerebral hemorrhage is associated with reduction of hemorrhage volume and neurological improvement. *Neurocrit Care*. 2005;2(3):274-81.
49. Villablanca JP, Achiriolaie A, Hooshi P, Martin N, Duckwiler G, Jahan R, **Frazee J**, Gobin P, Sayre J, Viñuela F. Aneurysms of the posterior circulation: detection and treatment planning using volume-rendered three-dimensional helical computerized tomography angiography. *J Neurosurg*. 2005 Dec;103(6):1018-29.

50. Upchurch K, Feng L, Duckwiler GR, **Frazee J**, Martin NA, Viñuela F. Nongalenic arteriovenous fistulas: history of treatment and technology. *Neurosurg Focus*. 2006 Jun 15;20(6):E8.
51. Suzuki S, Jahan R, Duckwiler GR, **Frazee J**, Martin N, Viñuela F. Contribution of endovascular therapy to the management of poo-grade aneurismal subarachnoid hemorrhage: Clinical and angiographic outcomes. *J Neurosurg*. 2006 Nov;105(5):664-70. Erratum in: *J Neurosurg*. 2007 Jan;106(1):204.
52. Miller CM, Vespa P, Saver JL, Kidwell CS, Carmichael ST, Alger J, **Frazee J**, Starkman S, Liebeskind D, Nenov V, Elashoff R, Martin N. Image-guided endoscopic evacuation of spontaneous intracerebral hemorrhage. *Surg Neurol*. 2008 May;69(5):441-6; discussion 446.
53. Cappabianca P, Cinalli G, Gangemi M, Brunori A, Cavallo LM, de Divitiis E, Decq P, Delitala A, Di Rocco F, **Frazee J**, Godano U, Grotenhuis A, Longatti P, Mascari C, Nishihara T, Oi S, Rekate H, Schroeder HW, Souweidane MM, Spennato P, Tamburrini G, Teo C, Warf B, Zymberg ST. Application of neuroendoscopy to intraventricular lesions. *Neurosurgery*. 2008 Feb;62 Suppl 2:575-97; discussion 597-8. Review.
54. Shi ZS, Ziegler J, Duckwiler GR, Jahan R, **Frazee J**, Ausman JI, Martin NA, Viñuela F. Management of giant middle cerebral artery aneurysms with incorporated branches: partial endovascular coiling or combined extracranial-intracranial bypass--a team approach. *Neurosurgery*. 2009 Dec;65(6 Suppl):121-9; discussion 129-31.
55. Jang SY, Kong MH, Song KY, **Frazee JG**. Intracranial Metastases of Cervical Intramedullary Low-Grade Astrocytoma without Malignant Transformation in Adult. *Journal of Korean Neurosurgery Soc*. 2009 Jun;45(6):381-5. Epub 2009 Jun 30.
56. Aaron R. Cutler, M.D., Sean W. Kaloostian, M.D., Akira Ishiyama, M.D., and **John G. Frazee, M.D.** Two-handed endoscopic-directed vestibular nerve sectioning: case series and review of the literature. *Journal of Neurosurgery* 2012 Sep;117: 507-513
57. Kallen ME, Boon-Unge K, Yong WH, Pope WB, **Frazee JG**, Vinters HV. Isolated choroid plexus granulomas: initial presentation of neurosarcoidosis? *Can J Neurol Science* 2014 Jan;41(1):112-4

INVITED PUBLICATIONS AND BOOK CHAPTERS

1. Huang SC, **Fraze** **JG**, Carson RE, et al. An Investigation of a Tomographic Technique for In Vivo Measurement of Local Cerebral Blood Flow and Water Partition Coefficient. In: *Nuclear Medicine and Biology Proceedings of the Third World Congress on Nuclear and Biology*, Raynaud, C. (ed): (need info)
2. Rand RW, **Fraze** **JG**. Extracranial to Intracranial Bypass Operations. In: *Vascular Surgery*, Rutherford RB (ed): 2nd Edition, Philadelphia. W.B. Saunders Company, 1984, pp 1288-1299
3. **Fraze** **JG**, Inflammatory Intracranial Aneurysms. In: *Neurosurgery*, Wilkins RHG, Rengachary SS (eds): N.Y.: McGraw-Hill, 1984, pp 1440-1443
4. Rand RW, **Fraze** **JG**. Extracranial/Intracranial (EC/IC) Operations for Cerebrovascular Disease. In: *Microneurosurgery*, Rand RW (ed), St. Louis, Mosby & Co., Third Edition, 1985, Chapter 27, pp 485-496
5. **Fraze** **JG**, Rand RW, Experimental Cerebral Vasospasm. In: *Microneurosurgery*, Rand RW (ed), St. Louis: Mosby & Co., Third Edition, 1985, Chapter 34, pp 609-618
6. Bevan JA, Bevan RD, **Fraze** **JG**, et al. Chronic Cerebrovascular Spasm in the Monkey: Protection by Diltiazem. Vascular Neuroeffector Mechanisms. In: *5th International Congress on Vascular Neuroeffector Mechanisms*, Paris, France. Elsevier Publishers, 1985, pp 211-217
7. **Fraze** **JG**. Head Trauma. In: *Emergency Medicine - Clinics of North America*, Abraham E (ed), W.B. Saunders Company, Philadelphia. 1986, pp 859-874
8. Rand RW, **Fraze** **JG**. Extracranial-Intracranial Bypass Operations after the Cooperative Study. In: *Vascular Surgery*, Rutherford RB (ed), Third Edition, W.B. Saunders Company, 1989, Volume II, 1428-1440
9. Bevan JA, Bevan RD, **Fraze** **JG**. Increased Arterial Wall Stiffness and Abnormal Tone Contribute to Arterial Narrowing in Chronic Cerebral Vascular Spasms in the Monkey: Protection by Diltiazem Pretreatment. In: *Cerebral Vasospasm*, Raven Press, 1988, pp 463-468
10. **Fraze** **JG**, Bevan JA, Bevan RD, Jones KR, and Bivens LV. Diltiazem Inhibits Chronic Vasoconstriction. In: *Cerebral Vasospasm*, Raven Press, 1988

11. **Frazeo JG.** Inflammatory Intracranial Aneurysms. In: *Neurosurgery*, Rengachary SS, Wilkins RH (eds), Second Edition, McGraw-Hill, 1995, Volume II, Chapter 233, pp 2379-2382
12. Martin NA, Holland M, **Frazeo JG**, Extracranial-Intracranial Bypass: Current Status. In: *Vascular Surgery*, Rutherford RB (ed), Fourth Edition, W.B. Saunders Company, Philadelphia, 1995, pp 1610-1621
13. Alexander MJ, Duckwiler GR, Quinones D, **Frazeo JG**, Goldberg RA, Vinuela F. Operative Venous Access for Embolization of Intracranial Vascular Malformations. In: *Surgery of the Intracranial Venous System*, A. Hakuba (ed), Springer-Verlag, Tokyo, 1996, pp 418-424
14. **Frazeo JG**, Luo X. Neuroendoscopy Instrumentation. In: *Minimally Invasive Therapy of the Brain*, DeSalles AAF and Lufkin RB (eds), Thieme Medical Publishers, Inc. 1997, Chapter 18, pp 235-240
15. **Frazeo JG**, Teo Charles. Neuroendoscopes and Video Imaging. In: *Endoscopy of the Central and Peripheral Nervous System*, King W, Frazeo J, DeSalles A (eds), Thieme Medical Publishers, 1998, Chapter 2, pp 8-15
16. King WA, **Frazeo JG**, Teo Charles. Endoscopic Treatment of Cranial Base Lesions. In: *Endoscopy of the Central and Peripheral Nervous System*, King W, Frazeo J, DeSalles A (eds), Thieme Medical Publishers, 1998, Chapter 11, pp 119-135
17. **Frazeo JG**, Shah A. Interactive Surgery and Telepresence. In: *Endoscopy of the Central and Peripheral Nervous System*, King W, Frazeo J, DeSalles A (eds), Thieme Medical Publishers, 1998, Chapter 21, pp 243-262
18. **Frazeo JG**, Shah A. Telepresence in Neurosurgery. In: *Advanced Neurosurgical Navigation*, Alexander E.B. and Maciunas R.M. (eds), Thieme Medical Publishers, New York, 1998, Chapter 46, pp 565-570
19. **Frazeo JG**, King WA. Endoscopy and Stereotaxy for Aneurysms. In: *Neurosurgery Clinics of North America: Current Management of Cerebral Aneurysms Part II: Techniques of Aneurysm Occlusion*, LeRoux PD and Winn HR (eds), W. B. Saunders Company, Philadelphia, Volume 9(4), 1998, pp 869-878
20. **Frazeo JG**, King WA. Endoscopy-Assisted Craniotomy and Microsurgery. In: *Intracranial Endoscopic Neurosurgery* (AANS - Neurosurgical Topics), Jimenez DF (ed), AANS Publications, Park Ridge, Illinois, Chapter 10, 1999, pp 147-158

21. **Frazeo JG**. Retroperfusion: Neurosurgical Approaches in Ischemic Stroke: In: Management of Ischemic Stroke: A Clinical Approach. Cohen SN and Jeffa J (eds), McGraw-Hill Inc., New York, 1999, Chapter 12, pp 217-224
22. **Frazeo JG**. Endoscopes and Instrumentation for Neurosurgical Endoscopy. In: Endoscopic Neurological Surgery (Progress in Neurological Surgery Series), Jho H-D (ed), Volume 15, Karger Medical & Scientific Publishers, Basel, Switzerland (1999)
23. **Frazeo JG**. Endoscopy and stereotaxy for aneurysms. In: Management of Cerebral Aneurysms, Le Roux PD and Winn HR (eds), W.B. Saunders, 2001.
24. **Frazeo JG**. Endoscopy and Stereotaxy for Aneurysms. In: Management of Cerebral Aneurysms, Le Roux PD, Winn HR, and Newell DW (eds), Saunders, Chapter 55, 2003, pp 875-882
25. **Frazeo JG** and Dusick JR. Endoscopic Approaches to Aneurysms. In: Neurosurgical Operative Atlas: Vascular Neurosurgery, R. Loch Macdonald, Thieme, New York, 2008, Chapter 17, pp 111-116
26. Tucker A, Terterov S and **Frazeo JG**. Endoscopic Approaches to Intracranial Aneurysms. In: Neurosurgical Operative Atlas, R. Loch Macdonald, 2019 in press

BOOK PUBLISHED

Endoscopy of the Central and Peripheral Nervous System. Editors: King W, **Frazeo JG**, DeSalles A, Thieme Medical Publishers, New York, 1998.

BOOK REVIEW

Perneczky A, Muller-Forell W, van Lindert E, Fries G. Keyhole Concept in Neurosurgery with Endoscope-Assisted Microsurgery and Case Studies. Thieme Publishers for Journal of Neurosurgery, April 2000.

COURSES

Co-Director : Neuroendoscopy Course for Neurosurgeons.
UCLA, August 25-26, 1994.

Invited Faculty : Ethicon Endosurgery Symposium - Minimally Invasive Approaches to the Thoracic and Lumbar Spine. Cincinnati, Ohio, September 9-10, 1994.

Invited Faculty : Practical Anatomy Workshop - Neuroendoscopy. St. Louis, October 1994, February 10-11, 1995; and April 7-8, 1995; May 15-16, 1998

Invited Faculty : Clarus/Loma Linda University, Neuroendoscopy. March 17, 1995.

Invited Faculty: Clarus/University of Oregon, Neuroendoscopy, June, 1995.

Course Director: Clarus/Long Beach Neuroendoscopy. February, 1996.

Co-director: Practice Anatomy Workshop - Neuroendoscopy. St. Louis, Missouri, June 1999.

Examiner, American Board of Neurological Surgery, Houston, Texas, November 8-10, 2000

Advanced Spinal Techniques: Cadaver Workshop, Presbyterian Institute for Minimally Invasive Technology, Dallas, Texas, March 29-31, 2001

Spine Course, Portland, Oregon, May 22-25, 2001

AO ASIF Comprehensive Spine Course, Tucson, Arizona, May 31-June 3, 2001

Invited Faculty: Advanced Practical Training in Neuroendoscopy. Cleveland, Ohio, May, 2005

Invited Faculty: Introduction to Neuroendoscopy Workshop. CNS Annual Meeting: 2005-2007

Invited Faculty: Update on Minimally Invasive Aneurysm Surgery. Annual UCLA Stroke Conference, 2004-2007

Director: Advanced Practical Training in Neuroendoscopy. UCLA January 14-15, 2007

Invited Faculty: Cranial Endoscopic Procedures in Neurosurgery. CNS Annual Meeting: Orlando, Florida, September 20-25, 2008

PRESENTATIONS AND ABSTRACTS

1. **Frazer JG**, Cahan LD, Winter J: "Bacterial intracranial aneurysms". Southern California Chapter of The American College of Surgeons, Palm Springs, California. January 20, 1980.

2. **Frazee, JG**, Giannotta SL, Stern WE: "Intravenous nitroglycerin for treatment of chronic cerebral vasoconstriction in the primate". American College of Surgeons, Atlanta, Georgia. September 19, 1980.
3. **Frazee, JG**, Stern WE, Giannotta SL: "A primate model of cerebral vasoconstriction". The Western Neurological Society, Victoria, B.C. September 22, 1981.
4. **Frazee, JG**, Rand RW: Percutaneous rhizolysis for trigeminal neuralgia". The Western Neurological Society, Jackson Hole, Wyoming. September 14, 1982.
5. **Frazee JG**, Giannotta SL, Stern WE: "Intravenous nitroglycerin for the treatment of chronic cerebral vasoconstriction in the primate". Stroke 13: 419, 1982.
6. Huang SC, **Frazee JG**, Carson RE, Mazziotta JC, Phelps ME, Hoffman EJ, MacDonald N, Kuhl DE: "An investigation of a tomographic technique for in vivo measurement of local cerebral blood flow and water partition co-efficient." Nuclear Medicine and Biology. (Proceedings of the Third World Congress on Nuclear Medicine, Paris, France.) Editor, Raynaud C. Pergamon Press, New York, 1982.
7. **Frazee JG**, Bevan JA, Bevan RD, Jones KR: "Treatment of chronic cerebral vasospasm in primates with Diltiazem". The Western Neurological Society, San Diego, California. October 4, 1983.
8. **Frazee JG**, Bevan JA, Bevan RD, Jones KR, Bivens LV: "Diltiazem attenuates chronic experimental cerebral vasospasm in the primate: Macaca nemestrina". American College of Surgeons, Santa Barbara, California. January 28, 1984.
9. **Frazee JG**, Bevan JA, Bevan RD, Jones KR, Bivens LV: "Diltiazem attenuates cerebral vasospasm in the monkey: Macaca nemestrina". American Association of Neurological Surgeons, San Francisco, California. April, 1984.
10. **Frazee JG**, Bevan JA, Bevan RD, Jones KR, Bivens LV: "Diltiazem attenuates cerebral vasospasm". American Heart Association Young Investigators Forum. Los Angeles, California, May 3, 1984.
11. **Frazee JG**: "Reversal of cerebral ischemia by transvenous retrograde perfusion for skull base surgery". American Society for Head and Neck Surgeons, May 10-12, 1994.

12. Huang SC, **Frazee JG**, Mazziotta JC, Carson RE, Phelps ME: computed tomography and 0-15 water. Society of Nuclear Medicine, "Quantitative assessment of absolute CBF values measured by positron 31st Annual Meeting, June 5-8, 1984.
13. Bevan JA, Bevan RD, **Frazee JG**: "Diltiazem prevents functional changes in monkey cerebral arteries: Experimental subarachnoid hemorrhage (SAH)". Tenth International Joint Conference on Stroke and Cerebral Circulation. New Orleans, Louisiana. February 21-23, 1985: Stroke 16 (1): 142.
14. Bevan JA, Bevan RD, **Frazee JG**: "Changes in active and passive properties contribute to arterial narrowing in chronic subarachnoid hemorrhage in monkey: Protection by Diltiazem". Fed. Proc. Abstracts, 69th Annual Meeting, New Orleans, LA, April 16-21, 1985: 44: 1009.
15. Bevan JA, Bevan RD, **Frazee JG**: "Experimental chronic vasospasm in the monkey: protection by Diltiazem". The XII International Symposium on Cerebral Blood Flow and Metabolism. Lund, Sweden, June 16-20, 1985. Brain 85 Scientific Programme Abstracts, 1985.
16. Bevan JA, Bevan RD, **Frazee JG**: "The arterial wall in monkey chronic cerebral vasospasm". 50th Jubilee Congress of the Hungarian Physiological Society, Budapest, Hungary, 1985.
17. **Frazee JG**, Bevan JA, Bevan RD, Jones KR: "The effective treatment of chronic cerebral vasospasm in the Macaca nemestrina monkey with Diltiazem". Western Neurosurgical Society, San Diego, CA., September 1985.
18. **Frazee JG**: "Pre- and postoperative management of subarachnoid hemorrhage". Federation of Western Societies of Neurological Science, New Orleans, LA, February 1986.
19. Saunders M, Martin N, Vinters H, **Frazee JG**, Becker D, Hieshima G, Higashida R: "The morphological effects of balloon angioplasty on atherosclerotic cerebral arteries". Federation of Western Societies of Neurological Science, February 1986.
20. Martin NA, Hieshima G, **Frazee JG**, Cahan L, Reicher M, Rand R, Becker DP, Higashida R, Hallbach V: "Intra-operative digital angiography". Federation of Western Societies of Neurological Science, February 1986.

21. Read SL, **Frazee JG**, Smith C, Shapiro J, Cummings SL, Satz P: "Intraventricular bethanechol for Alzheimer's disease". In: New Research Abstract Book and Annual Meeting New Research Subcommittee, 139th Annual Meeting of the American Psychiatry Association, Washington, DC, May 1986.
22. Smith CA, Read SL, Satz P, **Frazee JG**, Shapiro J, Cummings JL: "Neuropsychological response to cholinergic stimulation in five patients with Alzheimer's disease (AD). 15th Annual INS Meeting, Washington, D.C., February 1987.
23. **Frazee JG**, LaHaye P, Jordan S, Cheung M, Dwan PS, Martin NA, Becker DP: "The effect of Diltiazem in preventing stroke in a primate model". Western Neurosurgical Society, Maui, Hawaii, September 1986.
24. **Frazee JG**, Bevan JA, Bevan RD: "Diltiazem inhibits chronic vasoconstriction". Cerebral Vasospasm 1987: A Research Conference. Charlottesville, Virginia, April 1987.
25. Bevan JA, Bevan RD, **Frazee JG**: "Changes in active and passive properties contribute to arterial narrowing in chronic subarachnoid hemorrhage in monkey: Protection by Diltiazem". Cerebral Vasospasm 1987: A Research Conference, Charlottesville, Virginia, April 1987.
26. Jordan SE, **Frazee JG**, Dion JE, Vinuela F, Kar S, Rand RW, Corday E. "Brain rescue with selective venous retroperfusion of arterial blood". 14th International Joint Conference on Stroke and Cerebral Circulation, San Antonio, Texas, February 9-11, 1987.
27. Dion JE, **Frazee JG**, Jordan SE, Kar S, Vinuela F, Rand RW, Corday E. "Rescue of ischemic brain by selective venous retroperfusion of arterial blood". American Society of Neuroradiology Annual Meeting, Orlando, Florida, March 19-24, 1989.
28. **Frazee JG**, Jordan SE, Dion JE, Kar S, Vinuela F, Rand RW, Corday E. "Rescue of ischemic brain by selective venous retroperfusion of arterial blood". American Association of Neurological Surgeons Annual Meeting, Washington, D.C., April 2-6, 1989.
29. Kar S, **Frazee JG**, Jordan SE, Dion JE, Vinuela F, Rand RW, Corday E. "Rescue of ischemic brain of selective venous retroperfusion of arterial blood". American Heart Association - Young Investigators Forum, UCLA, Los Angeles, CA., May 19, 1989.
30. Dion JE, **Frazee JG**, Jordan SE, Kar S, Vinuela F, Rand RW, Corday E.

“Oxygenation du cergeau ischemiique par retroperfusion selective de sang arteriel: modele experimental”. Societe Canadienne-Francaise de Radiologie Montreal, Quebec, June 14-15, 1989.

31. Dion JE, **Frazee JG**, Jordan SE, Kar S, Vinuela F, Rand RW, Corday E. “Rescue of ischemic brain by selective venous retroperfusion of arterial blood”. 17th International Congress of Radiology, Paris, France, 1989.
32. Dion JE, **Frazee JG**, Jordan SE, Kar S, Vinuela F, Rand RW, Corday E. “Rescue of ischemic brain by selective venous retroperfusion of arterial blood”. XXIVth Canadian Congress of Neurological Sciences, Ottawa, Ontario, June 14-17, 1989.
33. **Frazee JG**, Jordan SE, Dion JE, Kar S, Norel EJ, Sinha UK, Hinton D, Vinuela F, Rand RW, Corday E. “Rescue of ischemic brain by transvenous retroperfusion of arterial blood in baboons - A preliminary report.” 35th Annual Meeting of the Western Neurosurgical Society, Sun Valley, Idaho, September 10-13, 1989.
34. Kar S, **Frazee JG**, Jordan SE, Dion JE, Vinuela F, Corday E. “Reversal of cerebral ischemia by transvenous retroperfusion of arterial blood”. 62nd Scientific Sessions American Heart Association, New Orleans, Louisiana, November 13-16, 1989. Published in Supplement to Circulation 80(4), October 1989.
35. Kar S, **Frazee JG**, Jordan SE, Dion JE, Sinha UK, Vinuela F, Hinton D, Corday E. “Amelioration of cerebral ischemia by transvenous retroperfusion of arterial blood”. 4th International Symposium on Intracranial Hemodynamics: Transcranial Doppler and Cerebral Blood Flow, Orlando, Florida, February 11-14, 1990.
36. Norel EJ, **Frazee JG**, Jordan SE, Dion JE, Kar S, Sinha UK, Hinton D, Vinuela F, Rand R, Corday E. “Reversal of cerebral ischemia by transvenous retroperfusion of arterial blood in primates”. Society of Neurosurgical Anesthesia and Critical Care Annual Winter Meeting, Honolulu, Hawaii, March 14-15, 1990.
37. Dion JE, **Frazee JG**, Jordan SE, Dion JE, Norel E, Sinha UK, Vinuela F, Hinton D, Rand R, Corday E. “Reversal of cerebral ischemia by transvenous retroperfusion of arterial blood in primates”. American Society of Neuro-radiology, Century City, CA, March 19-23, 1990.
38. Kar S, **Frazee JG**, Jordan SE, Dion JE, Norel E, Kar S, Sinha UK, Hinton D, Vinuela F, Rand R, Corday E. “Ischemic brain rescue by cerebral venous retroperfusion of arterial blood”. Association for the Advancement of Medical

Instrumentation, Arlington, Virginia, May 8, 1990.

39. Norel EJ, **Frazeo JG**, Jordan SE, Dion JE, Kar S, Sinha UK, Hinton D, Vinuela F, Rand R, Corday E. "Reversal of cerebral ischemia by transvenous retroperfusion of arterial blood in primates". 12th Annual Meeting - Society of Cardiovascular Anesthesiology, Orlando, Florida, May 13-16, 1990.
40. Kar S, **Frazeo JG**, Jordan SE, Dion JE, Norel E, Sinha UK, Vinuela F, Hinton D, Rand R, Corday E. "Ischemic brain rescue by cerebral retroperfusion of arterial blood". XII Congress of the European Society of Cardiology, Stockholm, Sweden, September 16-20, 1990. Published in: European Heart Journal 11: 1400, 1990.
41. **Frazeo JG**. "The spectrum of aneurysms of the middle cerebral artery". American Association of Neurological Surgeons Meeting, San Francisco, CA, April 11-16, 1992.
42. **Frazeo JG**, Jordan SE, Dion JE, Kar S, Norel EJ, Sinha U, Hinton DR. "Ischemic brain rescue by retrograde transvenous neuroperfusion: Current status and future plans". International Conference of Stroke and Thrombosis, Shanghai Medical University, Shanghai, China, May 7-8, 1992.
43. **Frazeo JG**, Jordan SE, Dion JE, Kar S, Norel EJ, Sinha U, Hinton DR. "Safety and efficacy of retrograde transvenous neuroperfusion for the delayed rescue of ischemic brain". Western Neurosurgical Society Meeting, Whistler, British Columbia, September 20-23, 1992.
44. **Frazeo JG**, Jordan SE, Dion JE, Kar S, Norel EJ, Sinha U, Hinton DR. "Safety and efficacy of delayed retrograde transvenous neuroperfusion in the rescue of ischemic brain". Congress of Neurological Surgeons Meeting, Washington, D.C., October 31-November 5, 1992.
45. Logani S, Ali BH, Hepler RS, Arnold AC, **Frazeo JG**. "Metastasis versus radiation necrosis of the optic nerve: A diagnostic and therapeutic dilemma. American Academy of Ophthalmology, Dallas, Texas, November 1992.
46. Khonsary A, Mandelkern M, **Frazeo JG**, King WA, Brown C, Bland W, Ropchan J, Farah J. "PET/DFDG scanning in pituitary adenoma". 18th Western Regional Society of Nuclear Medicine Meeting, Vancouver, British Columbia, October 28-31, 1993.
47. Alexander MJ, **Frazeo JG**, Luo X, Purcell R, Luan GM, Martin NA. "Transvenous retroperfusion in an experimental model of cerebral ischemia improves somatosensory evoked potentials and cerebral perfusion". Symposium on Cerebral Hemodynamics, San Diego, CA, February 14-17, 1994.

48. King WA, **Frazee JG**, Khonsary A, Mandelkern MA. "Glucose metabolism of sellar lesions using positron emission tomography". American Association of Neurological Surgeons Meeting, April 8-14, 1994.
49. **Frazee JG**, Luo X, Luan GM. "Retrograde transvenous neuroperfusion for cerebral ischemia in six baboons". American Association of Neurological Surgeons, April 8-14, 1994.
50. Aharon AS, Laks H, Pearl J, Rudis E, Permut L, **Frazee JG**, Ziv E. "Retrograde cerebral perfusion for dislodgment of solid cerebral emboli". American Association for Thoracic Surgery, New York City, N.Y., April 24-27, 1994.
51. Sinha UK, Shindo ML, Kar S, Rice DH, **Frazee JG**. "Reversal of cerebral ischemia by transvenous retrograde perfusion for skull base surgery". American Society for Head and Neck Surgery.
52. Alexander MJ, Duckwiler G, Quinones D, **Frazee JG**, Vinuela F. "Operative venous access for embolization of intracranial vascular malformations". First International Workshop on Surgery of the Intracranial Venous System. Osaka, Japan, September 1994.
53. **Frazee JG**, King W, De Salles A, Luo X. "Transnasal neuroendoscopy for pituitary tumors". Video presentation; Breakfast Seminar on Pituitary Surgery. American Association of Neurological Surgeons Annual Meeting, San Francisco, California, April 26, 1995.
54. **Frazee JG**, Shah A. Telepresence video presentation. Congress of Neurological Surgeons Annual Meeting, San Francisco, California, October 1995.
55. **Frazee JG**, Luo X, Luan GM. "Delayed treatment of prolonged ischemia by retrograde transvenous neuroperfusion prevents strokes."
56. **Frazee JG**: "Endoscopy in pituitary surgery". Neurosurgical Society of America Annual Meeting, Laguna Niquel, California, May 1996.
57. **Frazee JG**: "Stroke: The first six hours". Medical Grand Rounds, Ventura County Medical Center, Ventura, California, June 1996.
58. **Frazee JG**: "Endoscopy" and "Retrograde Transvenous Neuroperfusion". Visiting Professor, University of Miami, Miami, Florida, September 1996.

59. **Frazee JG**, Luo X, Vespa P. "Neuroperfusion in stroke: A safety and efficacy trial in acute stroke." Emergency Management and Critical Care of Stroke. Heidelberg, Germany, September 1996.
60. **Frazee JG**: "Intracranial Endoscopy".
Congress of Neurological Surgeons Meeting, Montreal, Quebec, October 1996.
61. Luo X, **Frazee JG**, Duckwiler G, Saver J, et al. "Cutting edge treatment for stroke - Neuroperfusion." 22nd International Joint Conference on Stroke and Cerebral Circulation, Anaheim, California, February 1997.
62. **Frazee, JG**: "Update for Neuro-Endoscopy".
63. **Frazee, JG**: "Neuroperfusion: A back door treatment for stroke".
Visiting Professor, Division of Neurosurgery, University of British Columbia, Vancouver, British Columbia, Canada, March 1997.
64. **Frazee JG**: "Neuroperfusion".
Visiting Professor, Allegheny University, Philadelphia, Pennsylvania, March 1997.
65. **Frazee JG**: "Retrograde Transvenous Neuroperfusion".
Visiting Professor, University of Chicago, Division of Neurosurgery, February 1997.
66. **Frazee JG**: "Endoscopic biopsy of pineal and intraventricular tumors".
Brain Tumor Update 1997, UCLA School of Medicine, Los Angeles, California, January 1997.
67. **Frazee JG**: "Neuroperfusion: A back door treatment for stroke".
Visiting Professor, Neurology/Neurosurgery Grand Rounds, University of Arizona, Tucson, Arizona, November 1997.
68. **Frazee JG**: "Brain Attacks: Current and future treatment".
LA Academy of Medicine, Los Angeles, CA, January 1998.
69. **Frazee JG**: "Brain Endoscopy & Minimally Invasive Neurosurgery"
Brain Tumor Update: Advances in Neurosurgical Intra-operative Localization Technique
UCLA School of Medicine, Los Angeles, CA, March 6th, 1999
70. **Frazee JG**: "Neuroendoscopy"
Storz Headquarters, Los Angeles, CA, April 13th, 1999
71. **Frazee JG**: "Neuro-endoscopy and Cybersurgery".

Designing the Operating Room of the Future,
American Association of Neurological Surgeons Meeting, New Orleans,
April 23rd, 1999.

72. **Frazee JG:** "Transvenous Neuroperfusion: A treatment for stroke"
Breakfast Seminar (Cerebral Venous System), American Association of
Neurological Surgeons Meeting, New Orleans, April 26th, 1999.
73. **Frazee JG:** "Intracranial Endoscopy"/Practical Course: Co-Director
74. **Frazee JG:** "Monitoring Head Injury"
Congress of Neurological Surgeons Meeting, Boston, MA. October 1999
75. **Frazee JG:** "Avances en Neuroendoscopia"
Primer Curso Internacional de Neurologia y Neurocirugia Pediatricas
Culiacan Sinaloa, Mexico, November 25-27, 1999
76. **Frazee JG:** "Cirugia endoscopica en el tratamiento de tumores cerebrales".
Curso Internacional de Neurocirugia, Mazatlan, Sinaloa, Mexico, May 25-27,
2000
77. **Frazee JG:** "Neuroperfusion transvenosa retrograda en el tratamiento del infarto
cerebral agudo".
Curso Internacional de Neurocirugia, Mazatlan, Sinaloa, Mexico, May 25-27,
2000
78. **Frazee JG:** "Comparison of Surgical and Endovascular Therapy for Acutely
Ruptured Cerebral Aneurysms: Multivariate Analysis of Technical and Clinical
Outcome. (Abstract) Jt AANS/CNS Meeting, New Orleans, LA, February 8, 2000
79. Saver JL, Kidwell CS, Liebeskind DS, Mattiello J, Starkman S, Vespa PM,
Villablanca JP, Martin NA, **Frazee J**, Alger JR. (Abstract) "Diffusion-Perfusion
MRI Evaluation of Peri-hematoma Ischemia in Hyperacute Intracerebral
Hemorrhage", American Academy of Neurology Annual Meeting, 2000
80. Society of Neurological Surgeons
Guest: Pasadena, California, May 21-23, 2000
80. **Frazee JG:** "Endoscopy Assisted by Frameless Stereotaxis"
Western Neurosurgical Society Meeting, Mauna Lani Bay, Kohala Coast, Hawaii
September 9-12, 2000
81. **Frazee JG:** Intracranial Endoscopy Course
Congress of Neurological Surgeons Meeting, San Antonio, Texas, September
24th, 2000

82. **Frazeo, JG:** "Aneurysm Surgical Update"
Brain Attack 2000 Meeting, UCLA Stroke Center & Neurovascular Program,
Beverly Hills, California, October 7th, 2000
83. **Frazeo JG:** "Aneurysms & AVMs"
UCLA Third Year Clerkship Lecture Series, March 2nd, 2001
84. **Frazeo JG:** "Endoscopic Neurosurgery".
42nd Annual Scientific Seminar, Wadsworth Physicians & Surgeons Alumni
Association, Los Angeles, March 17th, 2001
85. **Frazeo JG:** "Endoscopic Surgery for Intraventricular Tumors"
Visiting Professor, Stanford University Medical Center, Department of
Neurosurgery, Stanford, California, April 6th, 2001
86. **Frazeo JG:** "CPC – Neurology Rounds"
UCLA Medical Center, September 13th, 2001
87. **Frazeo JG:** "Endoscopic Brain Surgery"
Emeritus Medical Staff Lecturer - WLA/VA Medical Center
September 28th 2001
88. **Frazeo JG:** "Aneurysm Surgical Update"
UCLA Stroke Center and Neurovascular Program – Brain Attack 2001
Beverly Hilton Hotel, Beverly Hills, CA October 13th, 2001
89. **Frazeo JG:** "Neuroendoscopic Procedures"
Association of periOperative Registered Nurses (AORN)
St. Louis, Missouri, October 20th, 2001
90. **Frazeo JG:** Hand-On Workshop/Medtronic – "Current Techniques in Lumbo-
Sacral Fixation", Phoenix, Arizona, November 9-10, 2001
91. **Frazeo JG:** "Pituitary Surgery"
Dept of Veterans Affairs, Endocrinology Rounds
WLA/VA Medical Center, November 16th 2001
92. Mobin F, Martin N, **Frazeo JG**, Varjavand B, Vinuela F, Villablanca P. (Abstract)
Selecting treatment strategies for complex intracranial aneurysms based on
computed tomographic angiography (CTA) criteria. AANS Annual Meeting, April
2002
93. **Frazeo JG** and Bergsneider M: "Minimally Invasive Neurosurgery for
Hydrocephalus", UCLA Lecture, January 15th 2003

94. **Frazeo JG** and Liao L: "Instrument-assisted Neurosurgery: Endoscopy, iMRI, And Frameless Stereotactic Surgery", UCLA Lecture, February 19th 2003
95. **Frazeo JG**: "Aneurysm Surgical Update"
UCLA Stroke Center and Neurovascular Program – Brain Attack 2003
Beverly Hilton Hotel, Beverly Hills, CA, May 17th 2003
96. **Frazeo, JG**: "Neurosurgical Emergencies"
West Los Angeles/VA Medical Center – Emergency Dept Series, August 7th 2003
97. **Frazeo, JG**: "Update on Neurosurgical Procedures"
Codman/J&J National Meeting, Orland, FL. February 9th 2004
98. **Frazeo, JG**: "Hemostasis in Neurosurgery with Surgifoam Powder"
Wound Management National Meeting (J&J, Codman), Hollywood, FL, March 16th 2004
99. Dusick, JR and **Frazeo, JG**: "Application of a novel endoscope for diverse intracranial pathology" Poster presentation, *Annual Meeting of the World Congress of Neurological Surgeons*, Marrakesh, Morocco, June 2005.
100. Dusick, JR and **Frazeo, JG**: "A model head for surgical simulation: a novel neurosurgical teaching tool with specific application to neuroendoscopy." Poster presentation, *Annual Meeting of the World Congress of Neurological Surgeons*, Marrakesh, Morocco, June 2005.
101. Dusick, JR, Ishiyama, A, and **Frazeo, JG**: "A lightweight, user-friendly neuroendoscope designed for single-surgeon skull base and cerebrovascular procedures." Poster presentation, *Neuroendoscopy 2007*, Paris-Versailles, France, May 2007.
102. Dusick, JR and **Frazeo, JG**: "An alternative to two-surgeon neuroendoscope techniques: a single-surgeon neuroendoscope for skull base and cerebrovascular procedures." Oral presentation, *Western Neurosurgical Society 54th Annual Meeting*, Anchorage, AK, August 2008.

COMMUNITY SERVICES:

Presentation/Interviews:

Subarachnoid hemorrhage: diagnosis, treatment and current research.
Sepulveda VA Medical Center - September 1983

Cerebral vasospasm: Current treatment and research.

Kaiser Sunset Hospital - September 1983

Subarachnoid hemorrhage and cerebral vasospasm.
Martin Luther King Hospital - March 1985

Stroke and Recovery.
LA Times - December 1987

Experimental brain rescue by cerebral venous retroperfusion of arterial blood.
Wadsworth VA Medical Center/Research Service Seminars - October 1988

Ischemic brain rescue via retroperfusion of arterial blood.
UCLA Neurology/Neurosurgery Grand Rounds - February 1989

Retroperfusion and Stroke.
UCLA PET Research Group - March 1989

Interview - Cardiovascular News - March 1989

Regional venous retroperfusion/retroinfusion for clinical support and rescue of acutely ischemic myocardium and brain.
Panel Discussion - International Symposium - March 1989

Rescue and support of ischemic brain by transvenous retroperfusion of arterial blood.
UCLA Neuroscience Seminar - September 1989

Brain retroperfusion for cerebral ischemia.
UCLA Clinical Neurosurgical Symposium - January 1990

Retroperfusion of arterial blood.
American Association of Neuroscience Nurses - November 1990

Closed head injury.
Neurology Noon Lecture Services - Wadsworth VA Medical Center - September 1991

Intracranial pressure.
Endocrinology Grands Rounds, West LA/VA - June 1994

Endoscopic resection of pituitary tumors.
Neurology Noon Lecture Series - West LA/VA - June 1994

Non-endarterectomy brain revascularization.
UCLA Neurosurgery Grand Rounds - May 1994

Retrograde neuroperfusion for stroke.

UCLA General Surgery Grand Rounds - April 1994

Neuroendoscopy.

UCLA Neurosurgery Grand Rounds - November 1994

Neuroendoscopy.

Neurology Grand Rounds - West LA/VA Medical Center - November 1994

Neuroperfusion.

UCLA Neurology/Neurosurgery Grand Rounds - November 1995

Retrograde Neuroperfusion for stroke.

Clinical Update Course - November 1996

Extracranial carotid disease and stroke.

UCLA Neurosurgery Rounds - February 1998

Neurosurgical Emergencies

West Los Angeles VA Medical Center - August 1998

Stroke/Neuroperfusion

UCLA School of Medicine - ER Students - September 1998

California Biomedical Research Association TV Cable Series - "Health Research"
October 21st, 1998

Consultant – HBO – "Six Feet Under" 2002-03 Season

Consultant – ABC – Stephen King's Kingdom Hospital – March 2004