

CURRICULUM VITAE

Douglas E. Anderson, M.D.

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Undergraduate Work:

University of Illinois B.A. cum laude - Chemistry - 1974

Medical School:

Chicago Medical School, Chicago, Illinois - M.D. - 1977

Internship and Residency:

Loyola University Medical Center
Foster G. McGaw Hospital, Maywood, Illinois - July 1977-July 1983
Department of Surgery, Division of Neurological Surgery

Academic Positions:

Loyola University Medical Center
Stritch School of Medicine
Instructor
Division of Neurological Surgery
July 1983-May 1987

Loyola University Medical Center
Stritch School of Medicine
Assistant Professor
May 1987-July 1993

Loyola University Medical Center
Stritch School of Medicine
Associate Professor
July 1993-Present

Hines Veterans Administration Hospital
Chief, Section of Neurological Surgery
July 1989-Present

Board Memberships:

National Board of Medical Examiners, Diplomate - July 1978
Board Certified - American Board of Neurological Surgeons - May 1987

Society Memberships:

James Scholar Society - College Scholastic Honor Society
Phi Kappa Phi - College Scholastic Honor Society
Society for Neuroscience - Admitted 1983
National Coalition for Science and Technology - 1983
Chicago Medical Society - 1984
American Medical Association - 1984
Illinois Medical Society - 1984
Congress of Neurological Surgeons - 1985
American Association of Neurological Surgeons - 1988
North American Skull Base Society - 1991
Society of Critical Care Medicine - 1996
American Society for Stereotactic and Functional Neurosurgery - 1996

Committees:

Lutheran Academy for Scholarship - Editorial Board - 1985
Human Studies Subcommittee - Hines Veterans Administration Hospital - 1985-1986
Member of Park Ridge Center, an Institute for the Study of Health, Faith and Ethics - Invited Scholar –
1985-present
Utilization Review Committee - Loyola University Medical Center - 1986-1987
Intensive Care Committee - Loyola University Medical Center - 1986 - present
American Association of Neurological Surgeons - Ad Hoc Committee on Ethics and Human Values –
1990-1998
American Association of Neurological Surgeons - Registration Committee - April, 1993
Congress of Neurological Surgeons - Host Committee - October, 1995
Loyola University Physicians Foundation - 1995 to present
Ethics and Human Values in Neurosurgery Committee - AANS, 1997-1998
Loyola University Chicago, Stritch School of Medicine, Search Committee for Director,
Institute of Ethics and Health Policy - 1998

Abstracts

1. Scarff T, ANDERSON D, Fine M: "The Diagnosis of Hydromyelia by Intraventricular Metrizamide". Presented at the Congress of Neurological Surgeons, 1980 by Douglas Anderson, M.D.
2. Scarff T, Fine M, ANDERSON D, Hrynkiw Z: "Abnormalities of Ventricles in Shunted Infants with Intraventricular Hemorrhage". Presented at the International Society for Pediatric Neurosurgery, Philadelphia, PA, October 1982 by Douglas Anderson, M.D.
3. ANDERSON D, Kurzydowski H: "The Effect of Hypervolemic Hemodilution on Regional Cerebral Blood Flow (Xenon Inhalation) Following Subarachnoid Hemorrhage". Presented at the Congress of Neurological Surgeons, September 1985.
4. ANDERSON D, Henrick K, Lorens S: "Apparent Reconstruction of the Caudate Nucleus of the Rat with Cultured Fetal Neurons". NEUROSCIENCE ABSTRACTS, 1982, Vol. 8:758. Presented at the Society for Neuroscience, Minneapolis, MN, 1982.
5. ANDERSON D, Bausch D, Schueneman A, Henkin R: "Persistent I-123 HIPDM SPECT Cerebral Perfusion Deficits with Corresponding Neuropsychologic Abnormalities Following Minor Head Injury". Presented at the American Association of Neurological Surgeons, Washington, 1988.
6. Origitano T, Wascher T, Reichman OH, Raymond R, Caron M, ANDERSON D: "Increased Cerebral Blood Flow with Aggressive Hemodilution and Volume Expansion After Subarachnoid Hemorrhage." Presented to the Congress of Neurological Surgeons, Seattle, 1988.
7. Origitano T, Wascher T, Reichman OH, ANDERSON D, Shea J, Hahn Y: "Aggressive Physiological Modulation of Cerebral Blood Flow ("Triple-H" Therapy) Results in Successful Outcome After Aneurysmal Subarachnoid Hemorrhage". Proceedings of the International Symposium on Vasospasm, Tokyo, Japan, 1990.
8. Wascher T, Origitano T, Reichman OH, ANDERSON D, Shea J, Hahn Y: "Augmentation of Cerebral Blood Flow Using Aggressive Physiologic Modulation of Cerebral Blood Flow ("Triple-H" Therapy) Results in Successful Outcome After Aneurysmal Subarachnoid Hemorrhage". Presented at the Tenth International Symposium on Microvascular Surgery for Cerebral Ischemia, San Francisco, 1990.
9. ANDERSON D, McLane M, Raymond R, Origitano T, Reichman OH: "Correlations Between ¹³³Xenon Regional Cerebral Blood Flow, CO₂ Reactivity and Angiographic Collateral Flow Before and After Microvascular Bypass". Presented at the Tenth International Symposium on Microvascular Surgery for Cerebral Ischemia, San Francisco, 1990.

10. Izquierdo R, ANDERSON D: "Use of Customized Free Tissue Transfers for Reconstruction of Complex Skull Base Defects". Presented at the Second Annual Meeting of the North American Skull Base Society, Lake Buena Vista, 1991.
11. ANDERSON D, Origitano T, Reichman OH, McLane M: "Improved Cerebral Flood Flow and CO₂ Reactivity after Microvascular Anastomosis in Patients at High Risk for Recurrent Stroke". Presented at the Annual Meeting of the Congress of Neurological Surgeons, Orlando, October 1991.
12. Origitano T, Wascher T, Reichman OH, ANDERSON D: "Cerebral Blood Flow Patterns in Patients with Aneurysmal Subarachnoid Hemorrhage Managed with "Triple-H" Therapy". Presented at the Annual Meeting of the Congress of Neurological Surgeons, Orlando, October 1991.
13. Izquierdo R, Leonetti J, Al-Mefty O, Origitano T, ANDERSON D, Reichman OH: "Modifications of the Rectus Free Flap for Midline Cranial Base Reconstruction". Presented at the Annual Meeting of the American Association of Neurological Surgeons, San Francisco, 1992.
14. Leonetti J, ANDERSON D, Reichman OH: "Additional Exposure During Translabyrinthine Surgery". Presented at the International Skull Base Meeting, Hanover, Germany, 1992.
15. Leonetti J, ANDERSON D, Newell D, Smith P: "Posterior Internal Auditory Canal Closure Following the Retrosigmoid Approach to the Cerebellopontine Angle". Presented at the 125th Annual Meeting of the American Otological Society, Desert Springs, April 1992.
16. Origitano T, Reichman OH, ANDERSON D, Al-Mefty O, DeMonte F, Brady R: "Correlation of Transcranial Doppler with Xenon 133 Cerebral Blood Flow Studies During "Triple-H" Therapy after Aneurysmal Subarachnoid Hemorrhage". Presented at the Annual Meeting of the Congress of Neurological Surgeons, Washington, DC, November 1992.
17. Origitano T, ANDERSON D, Al-Mefty O, Tarassoli Y, Reichman OH: "Skull Base Approaches to Complex Cerebral Aneurysms". *Surgical Neurology* 40:339-346, 1993.
18. ANDERSON D: "A Randomized Study of Cervical Spondylitic Myelopathy: Ethical? Feasible?". Presented at the Annual Meeting of the American Association of Neurological Surgeons, Boston, Massachusetts, April 1993.
19. ANDERSON D: "Cervical Spondylitic Myelopathy: Measuring What Works". Presented at the G.I.C.D. 11th International Congress, Arcachon, France, May 1994.
20. ANDERSON D: "Problems in Direct Eight Cranial nerve Monitoring During Hearing Preservation Acoustic Tumor Surgery". Presented at the Congress of Neurological Surgeons Annual Meeting, October 1994.

21. Leonetti J, Blank C, Raffin, M, ANDERSON D, Fowles S, Enright M, Nickels J: "Objective Criteria for Hearing Preservation in Acoustic- Schwannoma Surgery". Presented at the North American Skull Base Society, Naples, Florida, February 1995.
22. Origitano T, Leonetti J, Petruzzelli G, ANDERSON D, Reichman OH, "Interface of Frameless Computerized Stereotactics with Cranial Base Surgery". Presented at the North American Skull Base Society, Naples, Florida, February 1995.
23. ANDERSON D, MacGregor M: "Cervical Spondylitic Myelopathy: A Retrospective Study of Clinical Syndromes and Their Temporal Courses". Presented at the American Association of Neurological Surgeons, Orlando, Florida, April 1995.
24. Meehan T, Zdziarski J, Briggs M, ANDERSON D, Zelby A, Grigg-Damberger M, Thomas C, Murnane R, Walsh T: "Surgical Removal of an Intracranial Tumor in a Western Lowland Gorilla". Presented at the Proceedings of the Annual Meeting of the American Association of Zoo Veterinarians, East Lansing, Michigan, August 1995.
25. ANDERSON D, Zelby A : "Craniotomy and Resection of a Novel Intraventricular Tumor in an Adolescent G.Gorilla". Presented at the American Association of Neurological Surgeons Meeting, Minneapolis, MN, April 1996.
26. Origitano T, ANDERSON D : "CT Angiographic Frameless Stereotactic Assisted Clipping of a Distal Posterior Inferior Cerebellar Artery Aneurysm - A Technical Case Report". Presented at the American Association of Neurological Surgeons Meeting, Minneapolis, MN, April 1996.
27. Origitano T, ANDERSON D, Azar-Kia B, Reichman OH : "Routine Use of Intraoperative Angiography in the Management of Intracranial Aneurysms". Presented at the American Association of Neurological Surgeons Meeting, Minneapolis, MN, April 1996.
28. Jensen R, Zuhair T, Jellish S, ANDERSON D: "Intraoperative Recurrent Laryngeal Nerve Monitoring During Anterior Cervical Discectomy". Presented at the American Association of Neurological Surgeons Meeting, Minneapolis, MN, April 1996.
29. ANDERSON D, Leonetti J, Raffin M: "A Hearing Preservation and Conservation in Acoustic Schwannoma Surgery. Presented at the 2nd International Skull Base Congress, San Diego, CA, June 1996. Skull Base Surgery Journal.
30. Origitano T, ANDERSON D, Petruzzelli G, Leonetti J: Anterior Approaches to Midline Lesions of the Cranial Base: Complication, Avoidance and Management. Presented at the Congress of Neurological Surgeons Meeting, Montreal, Quebec, Canada, September 1996.

31. Jensen R, ANDERSON D: A Clostridium Perfringens as a Rare Cause of Postoperative Spinal Surgery Meningitis. American Association of Neurological Surgeons Annual Meeting, Denver, Colorado, April 1997.
32. Jensen R, Jellish W, Thaliji Z, ANDERSON D: A Recurrent Laryngeal Nerve Monitoring During Anterior Cervical Spinal Procedures Using Intraoperative Posterior Pharyngeal Electromyography. Poster Presentation, Congress of Neurological Surgeons Annual Meeting, New Orleans, LA, September 1997.
33. Melian E, ANDERSON D, Leonetti J: A Radiosurgery for Cranial Base Recurrences of Head and Neck Cancer. Presented at the International Stereotactic Radiosurgery Society 3rd Congress, Madrid, Spain, June 1997.
34. Leonetti J, ANDERSON D: A Surgical Management of Recurrent Acoustic Neuromas. Presented at the American Academy of Otolaryngology - Head and Neck Surgery Foundation, Inc., San Francisco, CA, September 1997.
35. Origitano T.C., ANDERSON D: A Cranial Base Approaches with Intraoperative Angiography for Posterior Fossa Aneurysms. Submitted to the Congress of Neurological Surgeons, October 1998.
36. ANDERSON D, Leonetti J, Wubs J, McSherry D: A Facial Nerve Function Following the Resection of Large Acoustic Tumors. Oral poster presented at the CNS Annual Meeting, Seattle, WA, October 1998.
37. Raffin M, ANDERSON D, et al: Analysis of Pure-Tone Threshold Differences. Presented at the ASHA Annual Convention, San Antonio, Texas, November 1998.
38. Walter J, Wheeler J, Creasey G, Chintam R, Reidy L, Bruninga K, Collins E, Nemchausky B, ANDERSON D: Two SCI Patients with Sacral Ventral Root Stimulation: Optimization of Voiding Responses. J. Spinal Canal Med. 21(4) 371, 1998.
39. Jellish W, Murdoch J, Shea J, Brody M, ANDERSON D: A Correlation Between Bradycardia and Clinical Outcome During Percutaneous Balloon Compression of the Trigeminal Ganglia.. Skull Base Surgery, Tenth Annual Meeting of the North American Skull Base Society, Chicago, Illinois, May 1999.
40. Marzo S, Leonetti J, ANDERSON D: The Role of the Otolaryngologist in Lateral Skull Base Surgery. Skull Base Surgery, Tenth Annual Meeting of the North American Skull Base Society, Chicago, Illinois, May 1999.
41. Petruzzelli G, Origitano T, Stankiewicz J, ANDERSON D: A Frameless Stereotactic Localization in Surgery of the Cranial Base and Paranasal Sinuses. Skull Base Surgery, Tenth Annual Meeting of the North American Skull Base Society, Chicago, Illinois, May 1999.

42. ANDERSON D, Leonetti J, McSherry D: A Facial Preservation and Function Following the Resection of Large Acoustic Neuroma. Skull Base Surgery, Tenth Annual Meeting of the North American Skull Base Society, Chicago, Illinois, May 1999.
43. Melian E, ANDERSON D, Leybvich L, Leonetti J, Emami B: Radiosurgery for Cranial Base Recurrences of Head and Neck Cancer: Successes and Limitations. Presented: Annual Meeting of the North American Skull Base Society, Scottsdale, Arizona, March 2000.
44. ANDERSON D: Cranio-orbital Skull Base Approach for Resection of Giant Midbrain AVM. Presented: Annual Meeting of the North American Skull Base Society, Scottsdale, Arizona, March 2000.
45. ANDERSON D, Leonetti J: Cerebellopontine Angle Meningiomas: Anatomical and Surgical Considerations in Relation to Outcome. Presented: Annual Meeting of the North American Skull Base Society, March 2000.
46. Origitano T, Petruzzelli G, ANDERSON D, Leonetti J: Anterior Approaches to the Cranial Base: Complication Analysis, Avoidance and Management. Presented: Annual Meeting of the North American Skull Base Society, Scottsdale, Arizona, March 2000.
47. Moynihan G, Leonetti J, ANDERSON D, Marzo S: The Prevention and Management of Cerebrospinal Fluid Fistula Following Transtemporal Skull Base Surgery. Presented: Annual Meeting of the North American Skull Base Society, Scottsdale, Arizona, March 2000.
48. Origitano T, Leonetti J., ANDERSON D, Jellish S: Two-Day, Consecutive Staged Surgery for Advanced Skull Base Tumors. Presented: Annual Meeting of the North American Skull Base Society, Scottsdale, Arizona, March 2000.
49. Jellish S, Leonetti J, ANDERSON D, Fluder E: A Comparison of Postoperative Variables Observed After Differing Surgical Approaches to the Skull Base. Presented: Annual Meeting of the North American Skull Base Society, Scottsdale, Arizona, March 2000.
50. Leonetti J, ANDERSON D: The Management of CSF Fistula After Transtemporal Skull Base Surgery. Accepted for presentation at American Academy of Otolaryngology - Head and Neck Surgery Foundation, Washington, D.C., September 2000.

Publications - Book Chapters

1. ANDERSON D: Progress in minor head injury. In: J. Sherrod Taylor, Tyron Elliot (eds): Essays on Head Injury. Georgia TLA Publishers, 1989, pp. 170-184.

2. ANDERSON D: The rise and decline of psychosurgery - historical perspectives and ethical issues. In: Don Browning, Ian Evison, and Thomas Jobe (eds): Religious and Ethical Factors in Psychiatric Practice. Chicago: Nelson Hall, 1990, pp. 181-228.
3. ANDERSON D: A Randomized Study of Cervical Spondylitic Myelopathy: Ethical? Feasible? In: Controversies in Neurosurgery. Thieme Medical Publishers, Inc. 1996.

Publications - Articles

1. Marick H, ANDERSON D, Brumlik J: Cerebral vasculitis associated with oral amphetamine overdose. Arch Neurol 40:253-254, April 1983.
2. Scarff T, ANDERSON D, Caldwell C: Complications of ventriculoperitoneal shunts in premature infants. Concepts Ped Neurosurg 4:81-89, 1983.
3. ANDERSON D, Matick H, Naheedy M: The CT diagnosis of mucormycosis. Comput Radiol 8(2):113-117, 1984.
4. ANDERSON D, Biller J, Schreiber R: Spontaneous cerebellar hemorrhage after coronary artery bypass surgery. Eur Neurol 24:145-148, 1985.
5. ANDERSON D, et al: Cerebellar hemorrhage following coronary-bypass surgery. Neurol Lit News 4:7, 1985.
6. ANDERSON D: Compassionate care in a technological age. United Evangelical ACTION (Interview). Sept-Oct 1987, pp. 4-6.
7. Origitano T, Wascher T, Reichman OH, ANDERSON D: Sustained increased cerebral blood flow with prophylactic hypertensive, hypervolemic, hemodilution ("Triple-H" Therapy) following subarachnoid hemorrhage. Neurosurgery 27(5): 729-740, 1990.
8. ANDERSON D: The Physician's Experience: Witnessing Numinous Reality. In: Second Opinion - Health, Faith and Ethics, Vol. 13, 1990, pp. 110-122.
9. ANDERSON D: A laying on of hands. In: Second Opinion - Health, Faith and Ethics, Vol. 15, 1991.
10. ANDERSON D, Origitano T, McLane M: Improved cerebral blood flow and CO₂ reactivity after microvascular anastomosis in patients at high risk for recurrent stroke. Neurosurgery 31(1):26-34, 1992.
11. Leonetti J, ANDERSON D, Newell D, Smith P: Posterior internal auditory canal closure following the retrosigmoid approach to cerebellopontine angle. Amer J Otol 14(1):31-33, 1993.

12. Izquierdo R, Origitano T, Al-Mefty O, Leonetti J, ANDERSON D, Reichman OH: Use of vascularized fat from the rectus abdominis myocutaneous free flap territory to seal the dura of basicranial tumor resections. *Neurosurgery* 32(2):192-197, 1992.
13. Origitano T, ANDERSON D, Tarassoli Y, Reichman OH, Al-Mefty O: Skull base approaches to complex cerebral aneurysms. *Surg Neurol* 40(4):339-346, 1993.
14. Izquierdo R, Leonetti J, Origitano T, Al-Mefty O, ANDERSON D, Reichman OH: Refinements using free-tissue transfer for complex cranial base reconstruction. *Plastic and Reconstructive Surgery*, 1993.
15. Thomas C, ANDERSON D, Griggs M, Gujrati M, Lee J: Reactive Lymphoid Hyperplasia (Pseudo-Lymphomatous) of the Choroid Plexus Presenting as an Intraventricular Mass in a Young Gorilla. *J Neuropathol Exp Neurol*, Vol 54, May 1995.
16. ANDERSON D, Morgan H: Patenting of Surgical Procedures; AANS Position Statement, AANS Bulletin, Autumn, 1995.
17. ANDERSON D, Leonetti J, Raffin M: "Hearing Preservation and Conservation in Acoustic Schwannoma Surgery". Presented at the 2nd International Skull Base Congress, San Diego, CA, June 1996. *Skull Base Surgery Journal*.
18. Origitano T, ANDERSON D: "CT Angiographic Guided Frameless Stereotactic Assisted Clipping of a Distal Posterior Inferior Cerebellar Artery Aneurysm: Technical Case Report". *Surgical Neurol* 1996; 46:450-4.
19. Horowitz SW, Leonetti JP, Azar-Kia B, ANDERSON D, APostoperative Radiographic Findings Following Acoustic Neuroma Removal@. *Skull Base Surgery* Vol. 6, No. 4, October 1996.
20. Origitano T, Schwartz K, ANDERSON D, Azar-Kia B, Reichman OH: "Optimal Clip Application and Intraoperative Angiography for Intracranial Aneurysms". *Surg Neurol* 1997
21. Leonetti J, Origitano T, ANDERSON D, Melian E, Severtson M: Intracranial Complications of Temporal Bone Osteoradionecrosis. *The American Journal of Otolaryngology*, Vol. 18, No.1, 1997.
22. Glasgow G, Melian E, ANDERSON D, et al: Dosimetry of Very Small (5-10 mm) and Small (12.5-40 mm) Diameter Cones and Dose Verification for Radiosurgery with 6-MV X-Ray Beams. *Stereotact Funct Neurosurg* 1996-97; 67:183-197.
23. Thomas C, Mileusnic D, Carey R, Kampert M, ANDERSON D: Fatal Chaetomium Cerebritis in a Bone Marrow Transplant Patient. *Human Pathology*, July 1998.

24. Guppy K, Thomas C, Thomas K, ANDERSON D: Cerebral Fungal Infections in the Immunocompromised Host: A Literature Review and a New Pathogen - *Chaetomium Atrobrunneum*: Case Report. *Neurosurgery*, Vol. 43, No. 6, December 1998.
25. Walter J, Wheeler J, Creasey G, Chintam R, Riedy L, Bruninga K, Collins E, Nemchausky B, ANDERSON D: Optimization of Sacral Ventral Root Stimulation Following SCI: Two Case Reports with Six-Month Follow-Up. *Journal of Spinal Cord Medicine*, Vol 21, July 1998.
26. Origitano T, Schwartz K, ANDERSON D, Azar-Kia B, Reichman OH: AOptimal Clip Application and Intraoperative Angiography for Intracranial Aneurysms. *Surg Neurol*, 1999;51:117-28.
27. Jellish WS, Jensen RL, ANDERSON D, Shea JF: Intraoperative Electromyographic Assessment of Recurrent Laryngeal Nerve Stress and Pharyngeal Injury During Anterior Cervical Spine Surgery with Caspar Instrumentation. *Journal of Neurosurgery:Spine*, Vol.91, No.2, October 1999.
28. Petruzzelli GJ, Origitano TC, Stankiewicz JA, ANDERSON D: Frameless Stereotactic Localization in Cranial Base Surgery. *Skull Base Surg.* Vol. 10, No. 3, 2000.

Selected Invited Lectures

1. Nerve Tissue Implants. National Spinal Cord Injury Association Annual Meeting. Jul 31-Aug 3, 1983.
2. Physician, Patient, and Pastor Interactions in Serious Illness. Professional Church Workers Conference of the AELC Lutheran Synod. October 1984.
3. Lutheran School of Theology Conference on Euthanasia. Jun 20-22, 1986.
4. Neurosurgical Procedures for Pain. Cook County Graduate School of Medicine. Chicago, Illinois, Sept 24, 1986.
5. Cerebral Ischemia and Clinical Cerebral Blood Flow Determination. Loyola University Medical Center Surgical Grand Rounds. Maywood, Illinois, Oct 6, 1990.
6. Colloid Cysts of the Third Ventricle and Brachytherapy. Surgical Tumor Board, Loyola University Medical Center. Maywood, Illinois.
7. Interstitial Brachytherapy. Medical Transcriptionists. Loyola University Medical Center. Maywood, Illinois, Feb 1, 1992.

8. Brachytherapy. In-service for Neuroscience Nurses. Loyola University Medical Center. Maywood, Illinois, Feb 5, 1992.
9. The Cranio-orbital Approach With and Without Hypothermic Circulatory Arrest in the Treatment of Giant Intracranial Aneurysms. North American Skull Base Society Annual Meeting. Acapulco, Mexico, Feb 15-20, 1992.
10. Update on Cerebral Ischemia and Tirilizad Mesylate. Good Samaritan Hospital Emergency Medicine Department. Downers Grove, Illinois, Oct 13, 1992.
11. The Ethics of Clinical Investigation. Central DuPage Hospital Pastoral Counseling Group. Winfield, Illinois, Oct 16, 1992.
12. Hearing Preservation in Acoustic Neuroma Surgery. Symposium on Neoplastic and Vascular Skull Base Surgery. Loyola University Medical Center. Maywood, Illinois, Oct 30, 1992.
13. Stereotactic Brachytherapy for Brain Tumors. Chicago Radiological Society. Chicago, Illinois, Feb 19, 1993.
14. Current Trends in the Management of CNS Cancer - Neurosurgery. Hines Veterans Affairs Hospital. Hines, Illinois, March 19, 1994.
15. A Review of Surgical Treatment for Obsessive Compulsive Disorder - Loyola University Medical Center Conference on OCD, October 5, 1995.

Lectures at Loyola University Stritch School of Medicine

1. Posterior fossa ABNS test review lecture (residents) 3/18/00
2. Trigeminal Neuralgia Case Series Review 3/22/00
(For Spring LUMC Center for Skull Base meeting)
3. Tumor Board - CP Angle Meningioma Case Series 5/10/00
4. Tuesday N.S. Academic Lecture, "Intraoperative AVM Rupture" 5/23/00
5. Psychiatry Grand Rounds, "Capsulotomy for OCD" 6/8/00
6. Neurosurgery Department Lectures,- "CP Angle Meningioma" 6/24/00
7. Tumor Board, "Complication with CP Angle Tumor Surgery" 7/21/00

8. SSOM - Neuroscience course, "A Tour of the Posterior Fossa" 8/29/00
9. Hines VA - Combined Conference Lecture "Posterior Fossa Anatomy" 9/27/00
10. Tuesday NS - "Craniopharyngioma" 10/31/00
11. Tumor Board, "Case Server Analysis: Craniopharyngioma" 11/8/00
12. "Outcome Studies in Large Acoustic Tumors", "Neurosurgery 2000: A Conference for Neuroscience Nurses" 11/12/00
13. Pediatrics "Morning Report", "Pediatric Arteriovenous Malformation of the Brain" 11/14/00

Research Proposals: Submitted and Principal Investigator

1. The Treatment of a Drug Induced Primate Model of Parkinsonism with Neural Transplants. Hines Surgical Research Committee, 1984.
2. Transplantation of Neural Tissue to the Neostriatum of the Rat. Research Advisory Groups - Veterans Administration. Funded Oct 1984 through Oct 1986.
3. A Randomized Prospective Study Comparing Radiation Therapy Alone Versus Surgery Followed by Radiation Therapy in the Treatment of Spinal Epidural Metastases. Co-investigators: J. Marks, R. Rubino.
4. The Treatment of Chronic Intractable Pain with Intrathecal Morphine: A Prospective Cooperative Study. Infusaids, Approved Oct 1990 - Principle Investigator.
5. U-74, 006F in Moderate and Severe Head Injured Patients: A Randomized Prospective Cooperative Study. Upjohn, Approved Jan 1991 - Principle Investigator.
6. Radiation Therapy Oncology Group, RTOG 95-08, A Phase II Trial Comparing Whole Brain Irradiation With Versus Without Stereotactic Radiosurgery Boost for Patients With One to Three Unresected Brain Metastases. June 1996.
7. Clinical Investigation of Deep Brain Stimulation for Treatment of Tremor Using the Medtronic Model 3382 DBS Lead and Itrel II System (IDE 920245). Medtronic, June 1996.
8. A Case-Control Study of Head Trauma and the Subsequent Development of Meningioma. Dr. Faith Davis, 1997.

9. Infrared Microscopic Imaging of Malignant Glial tumors *InVivo*. (Falk Neuroscience Award Proposal with Dr. Robert Wurster.)
10. A Multicenter Clinical Trial of the Efficacy and Safety of FocalSeal -S Surgical Sealant System for Reduction of Cerebrospinal Fluid Leaks Following Cranial Neurosurgery. (Focal, Inc., October 1999)

Awarded Grants

1. Research Advisory Group. Young Investigator Grant, Hines Veterans Administration, 1985.
2. Head Injury Tirilazad Study. Upjohn Company. May 1995

Seminars Sponsored and Directed

1. ANDERSON D, Seminar Director. Current Issues in Stereotactic Radiosurgery for Brain Tumors. "Treatment of Complex Skull Base Tumors." Loyola University Medical Center, Maywood, IL, November 5, 1994.
2. ANDERSON D, Seminar Director. Neurological Emergencies: ER, Critical Care and Beyond. "Non-Traumatic Neurological Emergencies: Increased ICP." Oak Brook Hills Hotel, Oak Brook, IL, May 19, 1995.

Administrative Duties

1. Neurosurgery Section Chief at Hines VA
2. LUMC - LUPF Integration Subcommittee (P. Fahey, M.D. - Chairman) (2000-01)
3. Ethics Institute Search Committee (completed August, 2000)
4. ENT Chair Search Committee (December, 2000 -)