



SIERRA
NEUROSURGERY
GROUP

*Expert Care for Brain, Spine
& Pain Management*

Jay K. Morgan, M.D.

C U R R I C U L U M V I T A E

Specialty: General neurosurgery with an emphasis on complex spine

Professional Experience:

July 1993 Private Practice Neurosurgeon
Sierra Neurosurgery Group, Reno, Nevada

Committees and Appointments:

2018-present Western Neurological Society
Local Arrangements Committee

2018-present AOA Mauna Lani Point
President

2016-2019 Board Member

2017-present Sierra Neurosurgery Group
2001-2003 Managing Partner

2018-present Washoe County Medical Society
Secretary/Treasure
2014-2018 Board Director
1993 WCMS Allied Field Commission
1995 WCMS Medical Practice Commission

2002 St. Mary's Regional Medical Center
1995-2000 Elected Member-at-large, Surgical Services Division
Chairman of Neurosurgery

2008-2016 Renown Regional Medical Center
1995-2004 Chairman of Neurosurgery
1993 Chairman of Neurosurgery
PICU Steering Committee
Henry Ford Hospital

1993 Trauma Council
1993 Ethics Committee
1992 Animal Care Committee



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Education:

1972 - 1976	Secondary School: Columbus Academy
1976 - 1980	Undergraduate University: Ohio State University
1980 - 1984	Medical School: Ohio State University
1988 - 1989	Fellowship: National Institutes of Health
1985 - 1990	Residency: Henry Ford Hospital

Degrees:

June 1980	Bachelor of Arts (Major: Chemistry)
June 1984	Doctor of Medicine

Board Certification:

July 1985	National Board of Medical Examiners
May 1989	American Board of Neurological Surgeons
May 1994	Diplomate, American Board of Neurological Surgeons

Honors and Awards:

February 2016	C.H. Woods Award
April 1989	Cushing Award-AANS Annual Meeting
1984	Family Practice
1984	Cardiology
1983	General Surgery
1981, 1982	Roessler Research Scholarship

Hospital Affiliations:

Current	St. Mary's Regional Medical Center, Reno, Nevada Renown Regional Medical Center, Reno, Nevada Northern Nevada Medical Center, Sparks, Nevada Summit Surgery Center, Reno, Nevada
Jan. 1991 - June 1993	Henry Ford Hospital Department of Neurosurgery Detroit, Michigan Senior Staff



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Jan. 1988 – Dec. 1989	Medical Staff Fellowship National Institutes of Health Bethesda, Maryland
July 1985 – Dec. 1990	Henry Ford Hospital Detroit, Michigan Residency in Neurosurgery
July 1984 - June 1985	Case Western Reserve University University Hospitals of Cleveland Cleveland, Ohio Internship in General Surgery

Medical Licensure:

July 1993	Nevada
January 1991	Michigan
September 1991	Maryland

Organizations:

July 1980 - June 1984	Student National Medical Association
July 1981 - June 1982	President
1981, 1982, 1983	National Delegate
1981 - 1984	Landacre Research Society
June 15, 1991	AANS - Candidate Member
June 1, 1991	Wayne County Medical Society
June 1, 1991	Michigan State Medical Society
April 1, 1991	American Medical Society
January, 1992	Congress of Neurological Surgeons
June 1984 - June 1992	The Ohio State University Alumni Association
1992	International Stroke Society
1992	Joint Section on Cerebrovascular Surgery
1992	American Heart Association, Stroke Fellow
September 1993	Washoe County Medical Society
September 1993	Nevada State Medical Association
January 1994	Joint Section on Neurotrauma and Critical Care

Continued Medical Education:

June 1989	Midas Rex
September 1989	Advanced Cardiac Life Support
November 1988	Medisonics Transcranial Doppler
November 1991	BNI Spine Workshop



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June 1992

Spine Instrumentation Applications

May 2018

Medtronic Prestige LP Cervical Disc System Training

Research Experience:

1979

Spectrophotometric Quantitative Analysis of Vitamin C

1981-1983

Development of the Basilar Pons, James King, Ph.D., Ohio State University. Examined morphological changes in pontine neurons during stages of fetal development.

1981-1983

Neuroscience Lab Surgical Assistant

1988

Central Nervous System Implantation Lab

1988

Culture and Implantation of Fetal Dopaminergic Neurons and Fetal Astrocytes Dr. Robert Plunkett, Dr. Krystopher Bankkiewicz. Performed stereotactic implantation procedures with fetal tissue and investigated recovery of 6 OH dopamine-lesioned rats.

1988-1989

Primate Model of Vasospasm

Publications:

King JS, Morgan JK, Bishop GA, Hazlett JC, Martin GF. Development of the basilar pons in the North American opossum: dendrogenesis and maturation of efferent and afferent connections. *Anatomy and Embryology (Berl)*: 1987, 176(2): 191-202.

Publications (con't):

Cyran AK, Morgan JK, Rock JP, Wiskerhof M. Pituitary metastasis: lung cancer presenting as bitemporal hemianopsia with diabetes insipidus and anterior pituitary deficiency. *Henry Ford Hospital Medical Journal*: 1987, 35(4): 185-187.

Malik GM, Morgan JK, Boulos RS, Ausman, JI. Venous angiomas: an underestimated cause of intracranial hemorrhage. *Surgical Neurology*: 1988;30:350-8.

Malik GM, Morgan JK, Ausman, JI. Management of venous angiomas. *Neurosurgery Update*. In press. Eds: Wilkins and Rengachary.

Morgan JK, Sadasivan B, Ausman JI, Mehta B. Thrombolytic therapy and posterior circulation extracranial-intracranial bypass for acute basilar artery thrombosis. Case report. *Surgical Neurology* 1990;33:45-7.



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Morgan, JK, Olson J: Hormonal Response of Meningiomas. *Meningiomas and Their Surgical Management*. HH Schmidek (ed). W.B. Saunders, Co. pp 48-55, 1991.

Filling-Katz MR, Choyke PL, Oldfield E., Charnas L., Patronas NJ, Glenn GM, Gorin MB, Morgan JK, Linehan WM, Seizinger BR, Zbar B: Central Nervous System Involvement in Von Hippel Lindau Disease.

Tomecek FJ, Morgan JK: Ophthalmoplegia with bilateral ptosis secondary to mid brain hemorrhage. A case with clinical and radiological correlation. Accepted to *Surgical Neurology*, June 1993.

Mahmood A, Caccamo DV Morgan JK: Tenosynovial cell tumor of the cervical spine: Case report. October 1993.

NPY in a primate model of subarachnoid hemorrhage. RM Pluta, A Pika-Starosta, A Zauner, JK Morgan, KM Muraszko, M Gerter, EH Oldfield.

Presentations and Abstracts:

Development of the Basilar Pons in the North American Opossum Dendrogenesis and Maturation of Afferent and Efferent Connections. Presented at the American Association of Anatomist National Meeting in Atlanta, Georgia.

Venous Angiomas - An Underestimated Cause of Intracranial Hemorrhage. Presented at the 12th International Conference of Stroke and Cerebral Circulation, Tampa, Florida, 1987.

Effect of Concentrated Antibiotic Solution on the Survival of Rat Fetal Dopaminergic Neurons. JK Morgan, RJ Plunkett, MA Palmatier, and EG Oldfield. Presented at the 1988 meeting of the Society for Neuroscience, Toronto, Ontario.

Management of Venous Angiomas. Malik GM, Morgan JK, Boulos R, Ausman JI. Presented at the Michigan Association of Neurological Surgeons Annual Meeting in Traverse City, Michigan, 1988.

Malik GM, Morgan JK, Ausman JI. Management of Venous Angiomas. *Cerebral Angioma Update* - 87, Verona, Italy, October 1987.

Management of Venous Angiomas. Malik GM, Morgan JK, Boulos R, Ausman JI. Presented at the 9th International Congress of Neurological Surgery, New Delhi, India, 1989.



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Mechanism of Hypothalamic - Pituitary - Adrenal Insufficiency after Selective Adenectomy in Cushing's Disease. JK Morgan, Lynnette Nieman, DA Katz, EH Oldfield. Presented at the 1989 meeting of the American Association of Neurological Surgeons in Washington, DC.

Thrombolytic Therapy for Basilar Artery Thrombosis. B Sadasivan, JK Morgan, B Mehta, WP Sanders, JI Ausman. Presented at the 1989 meeting of the American Association of Neurological Surgeons in Washington, DC.

MRI with Gadolinium: Evaluation of CNS Lesions in von Hippel Lindau Disease. JK Morgan, D Barba, M Filling-Katz, P Choyka, EH Oldfield. Presented at the 1989 meeting of the American Association of Neurological Surgeons in Washington, DC.

Spinal cord Hemangioblastomas in von Hippel Lindau's Disease. JK Morgan, KM Muraszko, M Filling-Katz, P Choyke, EH Oldfield. Presented at the 1989 Congress of Neurologic Surgeons in Atlanta, Georgia.

Primate Subarachnoid Hemorrhage Model: Correlation of Blood Velocity with Area Diameter of the Middle Cerebral Artery. A Zauner, JK Morgan, R Pluta, K Muraszko, M Gerter, E Oldfield. Presented at the AANS-1990 Annual Meeting.

Intraoperative Color-Flow Doppler Imaging of Lesions in the Brainstem and Spinal Cord. KM Muraszko, JK Morgan, C Shelly, T Shawker, E Oldfield. Presented at the AANS- 1990 Annual Meeting.

Influence of Individual Blood Components on the Development of Vasospasm in a Primate Model of Subarachnoid Hemorrhage. JK Morgan, A Zauner, R Pluta, KM Muraszko, D Barba, M Gerter, JL Doppman, EH Oldfield. Presented at the AANS-1990 Annual Meeting.

Influence of Individual Blood Components on the Development of Vasospasm in a Primate Model of Subarachnoid Hemorrhage. JK Morgan. Presented at the MANS-1990 Annual Meeting.

Intracranial Tumors and von Hippel-Lindau Disease. JK Morgan. Presented at the 1990 Neuroscience Nurse Internship Program.



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Primate Subarachnoid Hemorrhage (SAH) Model: Correlation of Blood Velocity with Area and Diameter of the Middle Cerebral Artery (MCA). A Zauner, R Pluta, JK Morgan, KM Muraszko, M Girton, EH Oldfield. Presented at the 9th European Congress of Neurosurgery, Moscow, June, 1991.

The Mechanism of Post SAH Vasospasm in Multifactorial. JK Morgan, A Zauner, RM Pluta, M Muraszko, M Gerter, EH Oldfield. Presented at the 9th European Congress of Neurosurgery, Moscow, June, 1991.

Vasospasm is a Real Spasm-An Answer to Mizukami's Question. R Pluta, A Zauner, JK Morgan, K Muraszko, EH Oldfield. Presented at the 9th European Congress of Neurosurgery, Moscow, June, 1991.

Incidence and Distribution of Hemangioblastomas In Patients With Lindau's Disease. JK Morgan, M.D., Karin Muraszko, M.D., Michelle Filling-Katz, M.D., Peter Choyke, M.D., Edward Oldfield, M.D. Presented at the 42nd Annual Meeting of the Presentations and

Western Neurosurgical Society, Manele Bay, Island of Lanai, Hawaii, September, 1996.

Mechanism of SAH induced cerebral vasospasm in multifactorial. JK Morgan, A Zauner, R Pluta, KM Muraszko, D Barbu, M Girton, J Poppman, EH Oldfield.

Correlation of TCD measurements to arterial area measurements in primate model of subarachnoid hemorrhage; A Zauner, JK Morgan, RM Pluta, KM Muraszko, M Girton, EH Oldfield.

Invited Speaker:

April, 1989

Neurosurgery resident lecture, Walter Reed Hospital. Neurosurgical manifestations of von Hippel-Lindau's disease.

August, 1989

Neurosurgery Grand Rounds, Georgetown University. Spinal Cord Hemangioblastomas.

July, 1990

Neurosurgery Grand Rounds, Wayne State University. Mechanism of cerebral vasospasm following subarachnoid hemorrhage.

April 5, 1991

Neurology/Neurosurgery Grand Rounds, Mechanism of Vasospasm.



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November, 1991

Neurosurgery Grand Rounds, Henry Ford Hospital. Neurosurgical Management of Von Hippel-Lindau's disease.

Neurosurgery Grand Rounds, SUNY Buffalo, Mechanism of Vasospasm.

12/03

Nursing Seminar Subarachnoid Hemorrhage.

02/04

Trauma Symposium, Washoe Medical Center.

October, 2010

CD Horizon Solera Training

Community Service:

November 6, 1991

Fairbanks Elementary School, Neurosurgery.

February 17, 1992.

Beaubien Middle School, Neurosurgery

Nevada, 2000

Trustee Bethel AME, Sparks.