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Positions

Director

Baylor Scott and White Texas Brain and Spine Institute

Clinical Professor

Department of Neuroscience and Experimental Therapeutics

Department of Surgery

Texas A&M Health Science Center

College of Medicine

College Station, TX

Staff Neurosurgeon

Baylor Scott & White Hospital

College Station, TX

St. Joseph Medical Center

Bryan – College Station, TX

The Physician's Centre

Bryan, TX

Prior Positions

Director

2005-2024

The Texas Brain and Spine Institute

Bryan-College Station, TX

Associate Professor

2008-2014

Department of Neuroscience and Experimental Therapeutics

Department of Surgery

Texas A&M Health Science Center

College of Medicine

College Station, TX

Chief Medical Officer

2008-2010

Faculty Practice Plan

Texas A&M Health Science Center College of Medicine

Associate Dean, Bryan – College Station Campus

2007-2010

Texas A&M Health Science Center

College of Medicine

College Station, TX

Assistant Professor

2005-2008

Department of Neuroscience and Experimental Therapeutics

Department of Surgery

Texas A&M Health Science Center

College of Medicine

College Station, TX

	Assistant Professor Department of Surgery (Neurosurgery) Dartmouth Medical School Lebanon, NH	2003-2005
	Staff Neurosurgeon Dartmouth Hitchcock Medical Center Lebanon, NH	2003-2005
Training and Education	Executive Development Program for Associate Deans and Chairs AAMC and Harvard Medical School Fort Lauderdale, FL	2008
	Leadership Program in Health Policy and Management Heller School for Social Policy and Management Brandeis University Boston, MA	2008
	Chief Resident in Neurosurgery Mayo Clinic, Rochester	2002-2003
	Resident in Neurosurgery Mayo Clinic, Rochester	1998-2002
	Intern in General Surgery University of California, San Francisco	1997-1998
	Doctor of Medicine University of California, San Francisco	1993-1997
	Bachelor of Arts, Neurobiology University of California, Berkeley	1988-1992
Licensure and Certification	Board Certified American Board of Neurological Surgery	2006 to Present
	Medical Licensure Texas	2005 to Present
	New Hampshire	2003-2005
	Arizona	2002-2004
	Wisconsin	2000-2003
	Minnesota	1998-2003
	United States Medical Licensing Examination Step 3	1997
	Step 2	1997
	Step 1	1995
Membership	Member American Association of Neurological Surgeons	1999 to Present
	Member The Explorers Club	2018 to Present
	Member Neurosurgical Society of America	2010-2024

Member	2020-2022
Mission Connect	
TIRR Foundation	
Member	2007-2020
Texas Association of Neurological Surgeons	
Fellow	2007-2020
American College of Surgeons	
Member	2005-2020
Brazos Valley Physicians Organization	
Member	1999-2020
Congress of Neurological Surgeons	
Member	2007-2018
Neurocritical Care Society	
Member	2006-2015
Faculty of Neuroscience	
Texas A&M University	
Member	2007-2014
Chancellor's Century Council	
Texas A&M University	
Member	2001-2014
Joint Section on Cerebrovascular Surgery	
American Association of Neurological Surgeons/	
Congress of Neurological Surgeons	
Member	2004-2006
North American Skull Base Society	
Member	2002-2006
Joint Section on Tumors	
American Association of Neurological Surgeons/	
Congress of Neurological Surgeons	
Member	2004-2005
New England Neurosurgical Society	
Member	2002-2004
Society for Neuroscience	
Associate Member	2001-2004
American Society of Interventional and Therapeutic	
Neuroradiology	
Member	2001-2004
American Association for the Advancement of Science	
Member	2001-2004
Mayo Foundation Chapter	
Sigma Xi Scientific Research Society	
Member	1998-2003
Minnesota Medical Association	

	Member Zumbro Valley Medical Association	1998-2003
Professional Activities	Member, Defense Health Board Defense Health Agency	2019-2021
	Member, Defense Health Board Neurological/ Behavioral Health Subcommittee Defense Health Agency	2019-2021
	Member, Trauma Committee Baylor Scott & White Hospital-College Station	2019 to Present
	Member, Internal Advisory Committee Brain, Health, Aging and the Gut Microbiome	2020
	Examiner, Oral Boards American Board of Neurological Surgery	2019
	Member, Texas A&M Task Force CHI St. Joseph Regional Health Center	2016 to 2018
	Member, Medal Committee Neurosurgical Society of America	2014-2018
	Member, Perioperative Services Committee Scott & White Hospital-College Station	2014-2018
	Member, Stroke Committee College Station Medical Center	2012-2014
	Reviewer, American Association of Neurological Surgeons/ Congress of Neurological Surgeons Health Policy Scholarship Program	2009-2014
	Member, Internal Advisory Board Center for Research on Biological Clocks Texas A&M University System	2009-2014
	Information Technology Committee American Association of Neurological Surgeons	2009-2014
	Working Group for Paperless Meeting – Annual Meeting American Association of Neurological Surgeons	2009-2010
	Ad hoc Committee on Annual Meetings American Association of Neurological Surgeons	2008-2010
	Associate Member Graduate Faculty, Texas A&M Health Science Center Graduate School of Biomedical Sciences	2008
	Member, Governmental Relations Bill Analysis Team Health Related Issues Texas A&M Health Science Center	2008
	Texas A&M Health Science Center College of Medicine Executive Committee	2007-2010

Washington Committee American Association of Neurological Surgeons/ Congress of Neurological Surgeons	2007-2010
Trauma Services Committee St. Joseph Hospital Bryan, TX	2007-2010
Membership Committee Faculty of Neuroscience Texas A&M University	2007-2009
Texas A&M Health Science Center New Campus Master Plan Steering Committee	2007-2009
Physician Integration Steering Committee St. Joseph Hospital Bryan, TX	2007
Director, Stroke Committee St. Joseph Hospital Bryan, TX	2006-2009
President's Advisory Council St. Joseph Health System Bryan, TX	2006-2009
Faculty Search Committee Department of Neuroscience and Experimental Therapeutics Texas A&M Health Science Center College of Medicine	2006-2007
Digital Technology Committee American Association of Neurological Surgeons	2004-2005
Resident Duty Hours Committee Section of Neurosurgery Dartmouth Hitchcock Medical Center	2004-2005
Clinical Oncology Affiliate Member Norris Cotton Cancer Center Dartmouth Hitchcock Medical Center	2004-2005
Co-Director Stroke Program Dartmouth Hitchcock Medical Center	2003-2005
Member Benefits Committee American Association of Neurological Surgeons	2002-2005
• Team Leader, Member Services Subcommittee	2003-2005
• Clinical Education Subcommittee	2003-2005
• Publications Subcommittee	2003-2005
• Liaison to NeurosurgeryToday.org website	2003-2004

	Young Neurosurgeons Committee	2000-2010
	American Association of Neurological Surgeons	
	• Chairman	2009-2010
	• Liaison to AANS Board of Directors	2009-2010
	• Liaison to AANS Scientific Program Committee	2009-2010
		2003-2005
	• Vice-Chairman	2007-2009
	• Secretary	2005-2007
	• Editor, Newsletter	2005-2007
	• Associate Editor, Newsletter	2003-2005
	• Liaison to AANS Member Benefits Committee	2001-2005
	• Liaison to Neurosurgery:// On-Call Website	2001-2004
	• Newsletter Subcommittee	2001-2003
	• Subcommittee on Bylaws	2001-2003
	Membership Committee	2001-2004
	American Association of Neurological Surgeons	
	Representative	1999-2003
	Board of Governors	
	Mayo Fellows Association, Mayo Clinic	
	Library Committee	1998-2003
	Department of Neurosurgery, Mayo Clinic	
	Representative	1997-1999
	Professional Advisory Board	
	Respite Care Home Health Agency, Wilmette, IL	

Teaching	Faculty, Texas A&M Health Science Center College of Medicine	2006 to Present
	1 st year medical students - Gross Anatomy	
	1 st year medical students – Neuroscience in Medicine	
	2 nd year medical students –Preceptorship Program	
	3 rd year medical students – Neurosurgery component of	
	Surgery Clerkship	
	4 th year medical students - Elective clerkship in Neurosurgery	
	4 th year medical students – Elective clerkship in Clinical	
	Neuroscience	
	Clinical Preceptor	2014-2020
	University Of Texas Medical Branch	
	Founding Faculty Advisor	2012-2020
	Bryan/College Station Surgery Interest Group	
	Medical Director	2010-2016
	Texas Brain and Spine Institute	
	Physician’s Assistant Residency Program	
	Faculty Advisor and Student Mentor	2006-Present
	Faculty	2006-2015
	Texas Brain and Spine Institute	
	Summer Research Program	

Faculty	2006-2015
Texas A&M Health Science Center College of Medicine Medical Student Shadowing Program	
Faculty	2005-Present
Texas A&M University Undergraduate Shadow Program	
Faculty	2003-2005
Dartmouth College Undergraduate Shadowing Program	
Invited Faculty	2011
<i>Controversies in the Management of Intracerebral Hematomas</i> American Association of Neurological Surgeons Annual Meeting Denver, CO	
Invited Faculty	2010
<i>Controversies in the Management of Intracerebral Hematomas</i> American Association of Neurological Surgeons Annual Meeting Philadelphia, PA	
Dissertation Committee –	
Samantha Steele, Ph.D. Candidate	2008-2010
Ex-vivo modeling of cerebral vasospasm	
Eric Strickland, Ph.D. Candidate	2009-2014
The role of micro RNAs in secondary injury after spinal cord injury	
Course Director	2008
<i>Choosing and Developing a Neurosurgical Practice</i> American Association of Neurological Surgeons Annual Meeting Chicago, IL	
Moderator	2008
Young Neurosurgeons Luncheon American Association of Neurological Surgeons Annual Meeting Chicago, IL	
Course Director	2006, 2007
<i>Neurosurgery in the Real World</i> American Association of Neurological Surgeons Annual Meeting	
Invited Faculty	2005
<i>Brainstem Cavernous Malformation</i> Digital Video Theater Congress of Neurological Surgeons Annual Meeting Boston, MA	
Moderator	2005
<i>Changing Career Paradigms in Cerebrovascular Neurosurgery</i> American Association of Neurological Surgeons Annual Meeting, New Orleans, LA	

	Invited Faculty	2003
	<i>Normal Pressure Hydrocephalus: Decision making, techniques, and results.</i>	
	Congress of Neurological Surgeons Annual Meeting	
	Denver, CO	
Editorial Activities	Associate Editor	2008 to 2015
	<i>BioMed Central – Neurology</i>	
	Editorial Board	
	<i>Neurocritical Care</i>	2003 to 2017
	<i>BioMed Central – Neurology</i>	2001 to 2017
	<i>BioMed Central – Surgery</i>	2001 to 2017
	Ad hoc Referee	
	<i>America Heart Association</i>	2013
	<i>Journal of Medical Case Reports</i>	2012
	<i>The World Journal of Emergency Surgery</i>	2010
	<i>Neurology India</i>	2009
	<i>Journal of Neurology</i>	2009
	<i>Neuroscience Research</i>	2009
	<i>Clinical Neurology and Neurosurgery</i>	2004-2015
	<i>Journal of Neurology, Neurosurgery, and Psychiatry</i>	2003-2015
	<i>Brain Research</i>	2002-2015
	<i>Clinical Anatomy</i>	2001
	International Reviewers Panel	2005-2010
	<i>Medical Science Monitor</i>	
	Reviewer	
	<i>Practical Reviews in Neurosurgery</i>	2002-2004
	<i>Neurosurgical Focus</i>	2003
	March 2003: Cerebral Revascularization for cerebral ischemic disease, aneurysms and skull base tumors	
	Assistant Editor	1994-1995
	<i>UCSF Journal of Medical Student Research</i>	
Honors and Awards	Always Honor	2016
	CHI St. Joseph Health	
	Preceptor of the Year	2014-2015
	O.C. Cooper Preceptorship Program	
	Texas A&M Health Science Center College of Medicine	
	Family & Community Medicine	
	Champion of Care	2009
	St. Joseph Foundation, Bryan, TX	
	Health Policy Scholarship	2008
	American College of Surgeons	
	American Association of Neurological Surgeons	
	Synthes Award for Resident Research in Spinal Cord and Spinal Column Injury	2003
	Congress of Neurological Surgeons Annual Meeting	
	Denver, CO	

	Mayo Brothers Distinguished Fellowship Award Mayo Clinic	2002
	Scholarly Clinician Award Mayo Foundation	2002
	First Place American College of Surgeons – Region V Committee on Trauma Resident Paper Competition	2000
	First Place American College of Surgeons - Minnesota Chapter Committee on Trauma Resident Paper Competition	2000
	Dean's Research Fellowship University of California, San Francisco	1993 & 1994
	Graduation with High Honors University of California, Berkeley	1992
	Phi Beta Kappa	1991
	Fellowship for Research Studies Northwestern University	1989 & 1990
	Chancellor's Scholar University of California, Berkeley	1988-1992
	Illinois State Scholar	1988
Employment	Operations Manager Alta Bates Medical Associates, Berkeley, CA • Managed operations of physician group • Coordinated accounts payable, negotiated vendor contracts, developed company infrastructure	1992-93
	Clinical Volunteer West Side VA Hospital, Chicago, IL	1987
Laboratory	Postdoctoral Fellow Department of Molecular Neuroscience Mayo Clinic, Rochester	2001-02
	Research Fellow Department of Neurosurgery University of Heidelberg, Germany	1994
	Research Fellow Department of Neurology University of California, San Francisco	1993
	Research Fellow Department of Rheumatology Northwestern University, Chicago, IL	1989 & 1990

Patents	Spinal cord surgical implant U.S. Patent Number 7,163,545 B2 Filed 7/29/03 Granted 1/16/07	2007
Prior Research Protocols	Sildenafil for Treatment of Urinary Incontinence in Patients with Spinal Cord Injuries Role: Co-Principal Investigator	2020
	MicroRNA as predictive markers for long term stroke recovery Role: Co-Principal Investigator	2013
	Sleep Related Factors in Cervical Disc Degeneration Role: Principal Investigator	2010
	Culture and characterization of vascular smooth muscle cells from intracranial aneurysms Role: Co- Principal Investigator	2010
	Deriving Neuronal Stem Cells from Human Brain Tumors for Regeneration and Repair Strategies Role: Co-Principal Investigator	2007
Funding	MicroRNA as predictive markers for long term stroke recovery TBSI Seed Grant Role: Co- Principal Investigator Annual Support: \$20,000 Status: Active	2013
	Epigenetics of the Aging Astrocyte: Implications for Stroke National Institute on Aging # 1R01AG042189-01 Role: Co-Investigator Annual Support: \$250,000 Status: Active	2011
	Culture and Characterization of Vascular Smooth Muscle Cells from Intracranial Aneurysms TBSI Seed Grant Role: Co- Principal Investigator Annual Support: \$15,000 Status: Active	2010
	Delivery of Schwann cells and chondroitinase via a biodegradable polymer vehicle for the treatment of spinal cord contusion The Morton Cure Paralysis Fund Role: Principal Investigator Annual Support: \$25,000 Status: Expired 4/03-4/05	2003
	Biodegradable polymer implants to promote axonal regeneration following spinal cord injury Ralph C. Wilson Medical Research Foundation Research Grant for Discovery in Biomedical Sciences Role: Co-Investigator Annual Support: \$50,000 Status: Expired 4/03-4/05	2003

Prospective investigation of volumetric quantification of aneurysmal subarachnoid hemorrhage on admission CT to predict symptomatic vasospasm	2002
Mayo Foundation #1A2043	
Role: Principal Investigator	
Annual Support: \$2,500	
Status: Expired 4/02-4/04	
Localization of CD4, CD8, and tenascin in human gliomas	1994
University of California, San Francisco	
Dean's Research Fellowship	
Role: Mentored Fellow	
Annual Support: \$3,000	
Status: Expired 6/94-9/94	
Role of bFGF in angiogenesis and the inflammatory cascade	1993
University of California, San Francisco	
Dean's Research Fellowship	
Role: Mentored Fellow	
Annual Support: \$2,500	
Status: Expired 6/93-9/93	
Effect of a novel angiogenesis inhibitor thrombospondin on rat adjuvant-induced arthritis	1989 & 1990
Northwestern University	
Fellowship for Research Studies	
Role: Mentored Fellow	
Annual Support: \$1,500	
Status: Expired 6/89-9/89 and 6/90-9/90	

- Publications** Kibola, A, McClelland, S, Hlavin, J, **Friedman, JA**. Pilomyxoid Astrocytoma in an Adult Woman: Case Report. *J Cancer Res Ther* 11(3): 667. July, 2015.
- Hartford, A, Paravati, B, Spire, W, Li, Z, Jarvis, Lesley, Fadul, C, Rhodes, CH, Erkmen, K, **Friedman, JA**, Gladstone, D, Hug, E, Roberts, D, Simmons, N. Postoperative Stereotactic Radiosurgery (SRS) Without Whole-Brain Radiation Therapy (WBRT) for Brain Metastases: Potential Role of Preoperative Tumor Size. *Int J Radiat Oncol Biol Phys* 85(3): 650-655. March, 2013.
- Kumar, R, **Friedman JA**. Subarachnoid Hemorrhage: The First 24 hours. A Surgeon's Perspective. *Neurocritical Care* 14(2): 287-290. April, 2011.
- Desai S, **Friedman JA**, Hlavin JC, Briner RP, Toussaint LG, White JB, Van Amerogen A. Disseminated enterogenous cells at the cervicomedullary junction causing communicating hydrocephalus. *Journal of Neurosurgery* 113(6): 1284-1286. December, 2010.
- Mulligan RP, **Friedman JA**, Mahabir RC. A nationwide review of the associations among cervical spine injuries and facial fractures. *J Trauma* 68(3):587-592. March, 2010.
- Cohen-Gadol AA, **Friedman JA**, Friedman JD, Tubbs RS, Munis JR, Meyer FB. Neurosurgical management of intracranial lesions in the pregnant patient: A 36 year institutional experience and review of the literature. *Journal of Neurosurgery*, 111(6):1150-1157. December, 2009.
- Bake S, **Friedman JA**, Sohrabji F. Reproductive age-related changes in the blood brain barrier: Expression of IgG and tight junction proteins. *Microvascular Research* 78: 413-424, December, 2009.

Kumar R, **Friedman JA**. Intraoperative Angiography During Cerebral Aneurysm Surgery. *Neurocritical Care* 11(2): 299-302. May, 2009.

Friedman JA, Kumar R. Intraoperative Angiography Should Be Standard in Cerebral Aneurysm Surgery. *BMC Surgery* 2009, 9:7, April, 2009.

Krych AJ, Rooney GE, Chen B, Schermerhorn T, Ameenuddin S, Gross L, Moore MJ, Currier BL, Spinner RJ, **Friedman JA**, Yaszemski MJ, Windebank AJ. Relationship between scaffold channel diameter and number of regenerating axons in the transected rat spinal cord. *Acta Biomaterials* 2009, Sep; 5(7):2551-9.

Liu JT, Briner RP, **Friedman JA**. Comparison of inpatient vs. outpatient anterior cervical discectomy and fusion. *BioMed Central Surgery* 9(3) March, 2009.

Binz DD, Toussaint LG, **Friedman JA**. Hemorrhagic Complications of Ventriculostomy Placement: A Meta-Analysis. *Neurocritical Care* 10(2): 253-256. February, 2009.

Desai S, **Friedman JA**, Hlavin JC, Kash F. Actively bleeding aneurysm demonstrated by CT angiography. *Clinical Neurology and Neurosurgery* 111(1): 94-96. January, 2009.

Farsad KF, Mamourian AC, Eskey CJ, **Friedman JA**. Computed tomographic angiography as an adjunct to digital subtraction angiography for the preoperative assessment of cerebral aneurysms. *Open Neurology Journal* 2009, 3:1-7, January, 2009.

Rabinowitz RS, Eck JC, Harper CM, Larson DR, Jiminez MA, Parisi JE, **Friedman JA**, Yaszemski MJ, Currier BL. Urgent surgical decompression compared to methylprednisolone for the treatment of acute spinal cord injury: A randomized prospective study in beagle dogs. *Spine* 33(21): 2260-2268. October, 2008.

Farsad KF, Hayek RA, Mamourian AC, **Friedman JA**. Computerized tomographic angiography for preoperative assessment of the superficial temporal artery for external carotid artery to internal carotid artery bypass. *Cases Journal* 1(1): 119. August, 2008.

Friedman JA, Taylor SA, McDermott W, Alikhani P. Multifocal and recurrent subarachnoid hemorrhage due to an herbal supplement containing natural coumarins. *Neurocritical Care* 7(1): 76-80. August, 2007.

Lee KH, Lukovits T, **Friedman JA**. "Triple-H" therapy for cerebral vasospasm following subarachnoid hemorrhage. *Neurocritical Care* 4(1): 68-76. February, 2006.

Moore MJ, **Friedman JA**, Lewellyn EB, Knight AM, Currier BL, Windebank AJ, Yaszemski MJ. Multiple-channel scaffolds to promote spinal cord axon regeneration. *Biomaterials* 27(3): 419-429. January, 2006.

Shah QA, **Friedman JA**, Mamourian AC. Spontaneous resolution of traumatic pseudo aneurysm of the middle meningeal artery. *AJNR American Journal of Neuroradiology* 26(10): 2530-2532. November, 2005.

Toussaint LG III, **Friedman JA**, Wijdicks EFM, Piepgras DG, Pichelmann MA, McIver JI, McClelland RL, Nichols DA, Meyer FB, Atkinson JLD. Survival following cardiac arrest after aneurysmal subarachnoid hemorrhage. *Neurosurgery* 57(1): 25-31. July, 2005.

Collignon FP, **Friedman JA**, Piepgras DG, Pichelmann MA, McIver JI, Toussaint LG III, McClelland RL, Wijdicks EFM. Serum magnesium levels as related to symptomatic vasospasm and outcome following aneurysmal subarachnoid hemorrhage. *Neurocritical Care* 1(4): 441-448. January, 2005.

Rabinstein AA, **Friedman JA**, Nichols DA, Pichelmann MA, McClelland RL, Manno EM, Atkinson JLD, Wijdicks EFM. Predictors of outcome after endovascular treatment of cerebral

vasospasm. *AJNR American Journal of Neuroradiology* 25(10): 1778-1782. November/December, 2004.

Toussaint LG III, **Friedman JA**, Wijdicks EFM, Piepgras DG, Pichelmann MA, McIver JI, McClelland RL, Nichols DA, Meyer FB, Atkinson JLD. Influence of aspirin on outcome after aneurysmal subarachnoid hemorrhage. *Journal of Neurosurgery* 101(6): 921-925. November, 2004.

Friedman JA, Lewellyn EB, Moore MJ, Schermerhorn TC, Knight AM, Currier BL, Yaszemski MJ, Ameenuddin S, Windebank AJ. Robust axon regeneration following surgical repair of the injured spinal cord with a novel biodegradable implant. *Clinical Neurosurgery* 51: 314-319. September, 2004.

Rabinstein AA, **Friedman JA**, Weigand S, McClelland RL, Fulgham JR, Manno EM, Atkinson JLD, Wijdicks EFM. Predictors of cerebral infarction in aneurysmal subarachnoid hemorrhage. *Stroke* 35(8): 1862-1866. August, 2004.

Friedman JA, Kallmes DF, Wijdicks EFM. Thalamic hemorrhage after carotid angioplasty and stenting. *Neuroradiology* 46(5): 399-403. May, 2004.

Talac RF, **Friedman JA**, Moore MJ, Lu L, Jabbari E, Windebank AJ, Curren BL, Yaszemski MJ. Animal models of spinal cord injury for evaluation of tissue engineering treatment strategies. *Biomaterials* 25(9): 1505-1510. April, 2004.

Blacker DJ, Kantarci OH, Cloft HJ, **Friedman JA**. More than a pain in the neck: Vertebral artery dissection and subarachnoid hemorrhage. *Neurocritical Care* 1(1): 95-98. January, 2004.

Magtibay PM, Rao RD, Buckner JC, **Friedman JA**, Cliby WA. Unusual presentation of adult metastatic peritoneal medulloblastoma associated with a ventriculoperitoneal shunt. *Neuro-oncology* 5(3): 217-220. July, 2003.

Collignon FP, **Friedman JA**, Nichols DA, Piepgras DG, Cloft HJ. Coil migration and erosion through the skin following endovascular coil occlusion of a radiation-induced cervical carotid artery aneurysm. *Journal of Neurosurgery* 98(5): 1135. May, 2003.

Friedman JA, Pichelmann MA, Piepgras DG, McIver JI, Toussaint LG III, McClelland RL, Nichols DA, Meyer FB, Atkinson JLD, Wijdicks EFM. Pulmonary complications of aneurysmal subarachnoid hemorrhage. *Neurosurgery* 52(5): 1025-1032. May, 2003.

Friedman JA, Nichols DA, Meyer FB, Pichelmann MA, McIver JI, Toussaint LG III, Axley PL, Brown RD Jr. Guglielmi Detachable Coil treatment of ruptured saccular cerebral aneurysms: A retrospective review of a 10-year single center experience. *American Journal of Neuroradiology* 24(3): 526-533. March, 2003.

Friedman JA, Piepgras DG. Current neurosurgical indications for saphenous vein bypass grafting. *Neurosurgical Focus* 14(3): Article 1. March, 2003.

Friedman JA, McIver JI, Collignon, FP, Nichols DA, Piepgras DG. Development of a pontine cyst following endovascular coil occlusion of a basilar trunk aneurysm. *Neurosurgery* 52(3): 694-699. March, 2003.

Rabinstein AA, Pichelmann MA, **Friedman JA**, Piepgras DG, Nichols DA, McIver JI, Toussaint LG III, McClelland RL, Fulgham JR, Meyer FB, Atkinson JLD, Wijdicks EFM. Symptomatic vasospasm and outcome following aneurysmal subarachnoid hemorrhage: Surgical repair compared to endovascular coil occlusion. *Journal of Neurosurgery* 98(2): 319-325. February, 2003.

Friedman JA, Wetjen NM, Atkinson JLD. Utility of intraoperative ultrasound for tumors of the cauda equina. *Spine* 28(3): 288-290. February, 2003.

Friedman JA, Nichols DA, Meyer FB, Pichelmann MA, McIver JI, Toussaint LG III, Axley PL, Brown RD. Endovascular coil occlusion of ruptured saccular cerebral aneurysms using Guglielmi detachable coils: Initial ten-year experience. *Rivista di Neuroradiologia* 2003; 16(6):1213-22.

McIver JI, **Friedman JA**, Wijdicks EFM, Piepgras DG, Pichelmann MA, Toussaint LG III, McClelland RL, Nichols DA, Meyer FB, Atkinson JLD. Preoperative ventriculostomy is not associated with increased risk of rebleeding following aneurysmal subarachnoid hemorrhage. *Journal of Neurosurgery* 97(5): 1108-1114. November, 2002.

Cohen-Gadol AA, Britton JW, Jack CR, **Friedman JA**, Marsh WR. Transient postictal magnetic resonance imaging abnormality of the corpus callosum in a patient with epilepsy. *Journal of Neurosurgery* 97(3): 714-717. September, 2002.

Friedman JA, Windebank AJ, Moore MJ, Spinner RJ, Currier BL, Yaszemski MJ. Biodegradable polymer grafts for surgical repair of the injured spinal cord. *Neurosurgery* 51(3): 742-752. September, 2002.

Maher CO, **Friedman JA**, Meyer FB, Lynch JJ, Unni K, Raffel C. Surgical treatment of fibrous dysplasia of the skull in children. *Pediatric Neurosurgery* 37(2): 87-92. August, 2002.

Friedman JA, Goerss SJ, Meyer FB, Wijdicks EFM, Piepgras DG, Pichelmann MA, McIver JI, Toussaint LG III, McClelland RL, Nichols DA, Atkinson JLD. Volumetric quantification of Fisher Grade 3 aneurysmal subarachnoid hemorrhage: A novel method to predict symptomatic vasospasm on admission CT scan. *Journal of Neurosurgery* 97(2): 401-407. August, 2002.

Friedman JA, Rabinstein AA, Meyer FB. Perisylvian frontotemporal hematoma due to rupture of an anterior communicating artery aneurysm. *Journal of Neurosurgery* 97(2): 493. August, 2002.

Wetjen NM, **Friedman JA**, Meyer FB. Muscle flap ossification and epidural hematoma after encephalomyosynangiosis for moyo-moya disease. *Journal of Neurosurgery* 97(2): 494. August, 2002.

Friedman JA, Wijdicks EFM. The 10 most frequently asked questions about subarachnoid hemorrhage. *The Neurologist* 8(4): 271-276. July, 2002.

Maher CO, Wetjen NM, **Friedman JA**, Meyer FB. Intraoperative lidocaine injection of the carotid sinus during endarterectomy. *Journal of Neurosurgery* 97(1): 80-83. July, 2002.

Friedman JA, Ecker RD, Piepgras DG, Duke DA. Cerebellar hemorrhage following spinal surgery. *Neurosurgery* 50(6): 1361-1364. June, 2002.

Dixon GR, **Friedman JA**, Luetmer PH, Quast LM, McClelland RL, Petersen RC, Maher CO, Ebersold MJ. Predicting outcome of ventriculoperitoneal shunting for idiopathic normal pressure hydrocephalus by measurement of cerebrospinal fluid flow at the cerebral aqueduct with phase contrast MR. *Mayo Clinic Proceedings* 77(6): 509-514. June, 2002.

Kadyrov NA, **Friedman JA**, Nichols DA, Cohen-Gadol AA, Link MJ, Piepgras DG. Endovascular treatment of an internal carotid artery pseudoaneurysm following transsphenoidal surgery. *Journal of Neurosurgery* 96(3): 624-627. March, 2002.

Luetmer PH, Huston J, **Friedman JA**, Dixon GR, Petersen RC, Jack CR, McClelland RL, Ebersold MJ. Measurement of cerebrospinal fluid flow at the cerebral aqueduct using phase contrast MR: Technique validation and utility in diagnosing idiopathic normal pressure hydrocephalus. *Neurosurgery* 50(3): 534-543. March, 2002.

Friedman JA, Maher CO, Quast LM, McClelland RL, Ebersold MJ. Spontaneous disc space infections in adults. *Surgical Neurology* 57(2): 81-86. February, 2002.

Collignon FP, **Friedman JA**, Atkinson JA. Recurrent intraventricular and subarachnoid hemorrhage due to an intracranial schwannoma. *Journal of Neurosurgery* 96(2): 377. February, 2002.

Friedman JA, Piepgras DG, Duke DA, Bechtle PS, McClelland RL, Maher CO, Morita A, Perkins WJ, Parisi JE, Brown RD Jr. Remote cerebellar hemorrhage after supratentorial craniotomy. *Neurosurgery* 49(6): 1327-1340. December, 2001.

Friedman JA, Piepgras DG, Pichelmann MA, Hansen KK, Brown RD, Jr., Wiebers DO. Small cerebral aneurysms presenting with symptoms other than rupture. *Neurology* 57(7): 1212-1216. October, 2001.

Friedman JA, Ebersold MJ, Quast LM. Post-traumatic cerebrospinal fluid leakage. *World Journal of Surgery* 25(8): 1062-1066. August, 2001.

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Meyer FB, Bates LM, Goerss SJ, Windschitl WL, **Friedman JA**, Duffy JR, Perkins WJ, O'Neill BP. Awake craniotomy for aggressive resection of primary gliomas in eloquent brain. *Mayo Clinic Proceedings* 76(7): 677-687. July, 2001.

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Paravarti A, Hartford A, Simmons N, Spire W, Li Z, Jarvis J, Kulkarni A, Fadul C, Rhodes H, Bellerive M, Erkmen K, **Friedman JA**, Gladstone D, Hug E, Roberts D. Postoperative Stereotactic Radiosurgery (SRS) Without Whole-Brain Radiation Therapy in the Treatment of Metastases to the Brain. ASTRO, November 2010.

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Kumar RM, **Friedman JA**. Early Surgical Intervention for Intramedullary Spinal Cord Cavernous Malformations: Is “Cooling-Off” Really Necessary? Richard B. Lende Winter Neurosurgical Conference, Snowbird, UT. January, 2011.

Kumar, R, **Friedman JA**. Intradural Lumbar Hematoma Developing 4 Weeks following Laminectomy Related to Anticoagulation: A Case Report and Review of the Literature (poster). Congress of Neurological Surgeons Annual Meeting, San Francisco, CA. October, 2010.

Kumar R, **Friedman JA**. Aneurysmal Subarachnoid Hemorrhage - The First 24 Hours: Evolving Management Paradigms and Literature Review (poster). Accepted for presentation, Congress of Neurological Surgeons Annual Meeting, New Orleans, LA. October, 2009.

Binz DD, Toussaint LG, **Friedman JA**. Hemorrhagic Complications of Ventriculostomy: A Meta-Analysis. Accepted for presentation, Congress of Neurological Surgeons Annual Meeting, New Orleans, LA. October, 2009.

Desai S, **Friedman JA**, Hlavin JC, Briner RP, Toussaint LG, Van Amerogen A. Disseminated enterogenous cells at the cervicomedullary junction causing communicating hydrocephalus (poster). Accepted for presentation, Congress of Neurological Surgeons Annual Meeting, New Orleans, LA. October, 2009.

Desai S, **Friedman JA**. Analysis of the Effect of Statewide Medical Liability Reform in Texas on Neurosurgeon Migration (poster). Accepted for presentation, Congress of Neurological Surgeons Annual Meeting, New Orleans, LA. October, 2009.

Kumar R, **Friedman JA**. Aneurysmal Subarachnoid Hemorrhage - The First 24 Hours: Evolving Management Paradigms and Literature Review (poster). TBSI Annual Neuroscience Symposium, College Station, TX. September, 2009.

Bake S, **Friedman, JA**, Sohrabji, F. Sex Differences In The Aging Blood Brain Barrier (poster). TBSI Annual Neuroscience Symposium, College Station, TX. September, 2009.

Binz DD, Toussaint LG, **Friedman JA**. Hemorrhagic Complications of Ventriculostomy Placement: A Meta-Analysis (poster). TBSI Annual Neuroscience Symposium, College Station, TX. September, 2009.

Hartford A, Simmons N, Spire W, Kulkarni A, Bellerive M, Erkmen K, **Friedman JA**, Gladstone D, Hug E, Roberts D. Postoperative stereotactic radiosurgery without whole-brain radiation therapy in the treatment of brain metastases. Neurosurgical Society of America Annual Meeting, Hot Springs, VA. June, 2009.

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Binz DD, Toussaint LG, **Friedman JA**. Hemorrhagic complications of ventriculostomy: What are the data? Richard B. Lende Winter Neurosurgical Conference, Snowbird, UT. February, 2009.

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Desai S, **Friedman JA**, Hlavin JC, Kash F. Actively bleeding aneurysm demonstrated by CT angiography (poster). American Academy of Neurology Annual Meeting, Chicago, IL. April, 2008.

Kumar RC, Sathyan P, **Friedman JA**, Miranda RJ,. Modeling a neurovascular stem cell niche: Implications for the development of neural tumors (poster), American Association of Neurological Surgeons Annual Meeting, Chicago, IL. April, 2008.

Liu JT, Briner RP, **Friedman JA**. Comparison of inpatient vs. outpatient anterior cervical discectomy and fusion (poster). American Association of Neurological Surgeons Annual Meeting, Chicago, IL. April, 2008.

Friedman JA, Liu JT, Briner RP. Comparison of inpatient vs. outpatient anterior cervical discectomy and fusion. Richard B. Lende Winter Neurosurgical Conference, Snowbird, UT. February, 2008.

Alikhani P, Lollis SS, **Friedman JA**. Implementing Intraoperative Angiography for Aneurysm Surgery – Lessons Learned and Practical Considerations (poster). Congress of Neurological Surgeons Annual Meeting, San Diego, CA. September, 2007.

Alikhani P, **Friedman JA**, Taylor SA, McDermott W. Multifocal and recurrent subarachnoid hemorrhage due to an herbal supplement containing natural coumarins (poster). Congress of Neurological Surgeons Annual Meeting, San Diego, CA. September, 2007.

Friedman JA, Lollis SS, Alikhani P. Implementing Intraoperative Angiography for Aneurysm Surgery – Lessons Learned and Practical Considerations. Richard B. Lende Winter Neurosurgical Conference, Snowbird, UT. February, 2007.

Farsad KF, **Friedman JA**, Eskey CJ, Mamourian AC. Computerized tomographic angiography as a supplement to digital subtraction angiography in preoperative assessment of cerebral aneurysms (poster). Congress of Neurological Surgeons Annual Meeting, Boston, MA. September, 2005.

Farsad KF, **Friedman JA**, Eskey CJ, Mamourian AC. Evolving role of computed tomographic angiography in the management of cerebrovascular disease. New England Neurosurgical Society, Endicott, MA. June, 2005.

Farsad KF, **Friedman JA**, Eskey CJ, Mamourian AC. Computed tomographic angiography in the management of intracranial aneurysms and cerebrovascular disease. Neuroscience Day at Dartmouth, Hanover, NH. February, 2005.

Friedman JA, Farsad KF, Eskey CJ, Mamourian AC. Evolving role of computed tomographic angiography in the management of cerebrovascular disease. Richard B. Lende Winter Neurosurgical Conference, Snowbird, UT. January, 2005.

Friedman JA, Torres-Russotto D, Cohen-Gadol, AA, Meyer FB. Hemorrhage risk of giant intracranial arteriovenous malformations. Joint Meeting of the American Association of Neurological Surgeons and Congress of Neurological Surgeons Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology, San Diego, CA. February, 2004.

Friedman JA, Torres-Russotto D, Cohen-Gadol, AA, Meyer FB. Hemorrhage risk of giant intracranial arteriovenous malformations. Richard B. Lende Winter Neurosurgical Conference, Snowbird, UT. February, 2004.

Friedman JA, Lewellyn EB, Moore MJ, Schermerhorn TC, Knight AM, Currier BL, Yaszemski MJ, Ameenuddin S, Windebank AJ. Robust axon regeneration following surgical repair of the injured spinal cord with a novel biodegradable implant. Congress of Neurological Surgeons Annual Meeting, Denver, CO. October, 2003.

Patrick TA, **Friedman JA**, Ecker RD, Kallmes DF, Nichols DA, Krauss WE. Vertebral artery dissection with subarachnoid hemorrhage due to occipitocervical dislocation (poster). Congress of Neurological Surgeons Annual Meeting, Denver, CO. October, 2003.

Friedman JA, Piepgras DG. Current neurosurgical indications for saphenous vein bypass grafting (poster). Congress of Neurological Surgeons Annual Meeting, Denver, CO. October, 2003.

Friedman JA, Rabinstein AA, Nichols DA, Pichelmann MA, McIver JI, Toussaint LG III, McClelland RL, Fulgham JR, Manno EM, Atkinson JLD, Wijdicks EFM. Endovascular treatment of symptomatic vasospasm: Clinical predictors of outcome (poster). Congress of Neurological Surgeons Annual Meeting, Denver, CO. October, 2003.

Rabinstein AA, **Friedman JA**, Fulgham JR, Manno EM, Weigand SJ, Wijdicks EFM. Predictors of stroke following aneurysmal subarachnoid hemorrhage (poster). American Neurological Association Annual Meeting, San Francisco, CA. October, 2003.

Moore MJ, **Friedman JA**, Lewellyn EB, Windebank AJ, Lu L, Currier BL, Yaszemski MJ. A biodegradable scaffold for localized cell transplantation in the injured spinal cord. Society for Biomaterials Annual Meeting, Reno, NV. May, 2003.

Moore MJ, **Friedman JA**, Windebank AJ, Lu L, Currier BL, Yaszemski MJ. Release of chondroitinase ABC from PLGA microparticles. Society for Biomaterials Annual Meeting, Reno, NV. May, 2003.

Windebank AJ, **Friedman JA**, Lewellyn E, Ameenuddin S, Marin-Padilla M, Currier BL, Yaszemski MJ, Moore MJ. Axonal regeneration into biodegradable polymer implants after spinal cord injury in rats. American Academy of Neurology Annual Meeting, Hawaii. April, 2003.

Rabinstein AA, **Friedman JA**, Pichelmann MA, Nichols DA, McClelland RL, Atkinson JLD, Wijdicks EFM. Symptomatic vasospasm and outcome following aneurysmal subarachnoid hemorrhage: surgical versus endovascular coil occlusion. American Academy of Neurology Annual Meeting, Hawaii. April, 2003.

Friedman JA, Moore MJ, Yaszemski MJ, Lewellyn EB, Knight AM, Spinner RJ, Currier BL, Windebank AJ. A biodegradable polymer implant loaded with Schwann cells for surgical repair of the injured spinal cord: Device engineering and feasibility (poster). American Association of Neurological Surgeons Annual Meeting, San Diego, CA. April, 2003.

Friedman JA, Rabinstein AA, Meyer FB, Brown RD Jr., Nichols DA. Combined surgical and endovascular repair of saccular cerebral aneurysms (poster). Joint Meeting of the American Association of Neurological Surgeons and Congress of Neurological Surgeons Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology, Phoenix, AZ. February, 2003.

Friedman JA, Collignon FP, Nichols DA, Piepgras DG, Cloft HJ. Coil migration and erosion through the skin following endovascular coil occlusion of a radiation-induced cervical carotid artery aneurysm (poster). Joint Meeting of the American Association of Neurological Surgeons and Congress of Neurological Surgeons Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology, Phoenix, AZ. February, 2003.

Friedman JA, Rabinstein AA, Pichelmann MA, Piepgras DG, Nichols DA, McIver JI, Toussaint LG III, McClelland RL, Fulgham JR, Meyer FB, Atkinson JLD, Wijdicks EFM. Symptomatic vasospasm and outcome following aneurysmal subarachnoid hemorrhage: Craniotomy and clipping compared to endovascular coil occlusion. Richard B. Lende Winter Neurosurgical Conference, Snowbird, UT. February, 2003.

Friedman JA, Moore MJ, Yaszemski MJ, Lewellyn EB, Spinner RJ, Currier BL, Windebank AJ. Surgical repair of the injured spinal cord: A novel biodegradable polymer implant to promote axon regeneration. Richard B. Lende Winter Neurosurgical Conference, Snowbird, UT. February, 2003.

Friedman JA, Moore MJ, Yaszemski MJ, Lewellyn EB, Spinner RJ, Currier BL, Windebank AJ. Biodegradable polymer implants to promote axonal regeneration following spinal cord injury (poster). Society for Neuroscience Annual Meeting, Orlando, FL. November, 2002.

Friedman JA, Windebank AJ, Yaszemski MJ, Moore MJ, Lewellyn EB. A Schwann cell seeded, biodegradable polymer implant for promoting axon regeneration following spinal cord injury (poster). American Neurological Association Annual Meeting, New York, NY. October, 2002.

Friedman JA, Goerss SJ, Meyer FB, Wijdicks EFM, Piepgras DG, Pichelmann MA, McIver JI, Toussaint LG III, McClelland RL, Nichols DA, Atkinson JLD. Volumetric quantification of Fisher Grade 3 aneurysmal subarachnoid hemorrhage: A novel method to predict symptomatic vasospasm on admission CT scan. Congress of Neurological Surgeons Annual Meeting, Philadelphia, PA. September, 2002.

Pichelmann MA, Rabinstein AA, **Friedman JA**, Piepgras DG, Nichols DA, McIver JI, Toussaint LG III, McClelland RL, Fulgham JR, Meyer FB, Atkinson JLD, Wijdicks EFM. Symptomatic vasospasm and outcome following aneurysmal subarachnoid hemorrhage: Craniotomy and clipping compared to endovascular coil occlusion (oral poster). Congress of Neurological Surgeons Annual Meeting, Philadelphia, PA. September, 2002.

McIver JI, **Friedman JA**, Collignon, FP, Nichols DA, Piepgras DG. Development of a pontine cyst following endovascular coil occlusion of a basilar trunk aneurysm (poster). Congress of Neurological Surgeons Annual Meeting, Philadelphia, PA. September, 2002.

Collignon FP, **Friedman JA**, Piepgras DG, Pichelmann MA, McIver JI, Toussaint LG III, McClelland RL, Wijdicks EFM. Physiologic serum magnesium levels are not associated with symptomatic vasospasm following aneurysmal subarachnoid hemorrhage (poster). Congress of Neurological Surgeons Annual Meeting, Philadelphia, PA. September, 2002.

Friedman JA, Meyer FB, Friedman JD, Ramin KD, Fleming K. Management of structural cerebrovascular disease in pregnant patients (poster). Congress of Neurological Surgeons Annual Meeting, Philadelphia, PA. September, 2002

Friedman JA, Nichols DA, Meyer FB, Pichelmann MA, McIver JI, Toussaint LG III, Axley PL, Brown RD Jr. Endovascular coil occlusion of ruptured saccular cerebral aneurysms using Guglielmi detachable coils: Initial 10-year experience. Symposium Neuroradiologicum, Paris, France. August, 2002.

Toussaint LG III, **Friedman JA**, Wijdicks EFM, Piepgras DG, Pichelmann MA, McIver JI, McClelland RL, Nichols DA, Meyer FB, Atkinson JLD. Prior aspirin use does not worsen outcome in aneurysmal subarachnoid hemorrhage. American Association of Neurological Surgeons Annual Meeting, Chicago, IL. April, 2002.

Friedman JA, Wetjen NM, Atkinson JLD. Utility of intraoperative ultrasound for tumors of the cauda equina (poster). American Association of Neurological Surgeons Annual Meeting, Chicago, IL. April, 2002.

Friedman JA, Ecker RD, Piepgras DG, Duke DA. Cerebellar hemorrhage following spinal surgery (poster). American Association of Neurological Surgeons Annual Meeting, Chicago, IL. April, 2002.

Friedman JA, Pichelmann MA, Wijdicks EFM, Piepgras DG, McIver JI, Toussaint LG III, McClelland RL, Nichols DA, Meyer FB, Atkinson JLD. Pulmonary complications of aneurysmal subarachnoid hemorrhage. Joint Meeting of the American Association of Neurological Surgeons and Congress of Neurological Surgeons Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology, Dallas, TX. February, 2002.

Maher CO, Meyer FB, **Friedman JA**, Wetjen NM. Prospective analysis of intraoperative carotid sinus lidocaine injection during endarterectomy. Joint Meeting of the American Association of Neurological Surgeons and Congress of Neurological Surgeons Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology, Dallas, TX. February, 2002.

Toussaint LG III, **Friedman JA**, Wijdicks EFM, Piepgras DG, Pichelmann MA, McIver JI, McClelland RL, Nichols DA, Meyer FB, Atkinson JLD. Prognosis in survivors of cardiac arrest following aneurysmal subarachnoid hemorrhage. Joint Meeting of the American Association of Neurological Surgeons and Congress of Neurological Surgeons Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology, Dallas, TX. February, 2002.

Wetjen NM, **Friedman JA**, Meyer FB. Muscle flap ossification and epidural hematoma after encephalomyosynangiosis for moya-moya disease (poster). Joint Meeting of the American Association of Neurological Surgeons and Congress of Neurological Surgeons Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology, Dallas, TX. February, 2002.

Friedman JA, Kadyrov NA, Nichols DA, Cohen-Gadol A, Link MJ, Piepgras DG. Endovascular treatment of an internal carotid artery pseudoaneurysm following transsphenoidal surgery (poster). Joint Meeting of the American Association of Neurological Surgeons and Congress of Neurological Surgeons Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology, Dallas, TX. February, 2002.

Friedman JA, Piepgras DG, Duke DA, Bechtle PS, McClelland RL, Maher CO, Morita A, Perkins WJ, Parisi JE, Brown RD Jr. Remote cerebellar hemorrhage after supratentorial craniotomy. Richard B. Lende Winter Neurosurgery Conference, Snowbird, UT. February, 2002.

Friedman JA, Goerss SJ, Meyer FB, Wijdicks EFM, Piepgras DG, Pichelmann MA, McIver JI, Toussaint LG III, McClelland RL, Nichols DA, Atkinson JLD. Volumetric quantification of Fisher Grade 3 aneurysmal subarachnoid hemorrhage: A novel method to predict symptomatic vasospasm on admission CT scan. Richard B. Lende Winter Neurosurgery Conference, Snowbird, UT. February, 2002.

Maher CO, Lynch JJ, Meyer FB, Raffel C, Unni K, **Friedman JA**. Fibrous dysplasia of the skull in children. Congress of Neurological Surgeons Annual Meeting, San Diego, CA. October, 2001.

Friedman JA, Luetmer PH, Huston J, Dixon GR, Petersen RC, Jack CR, McClelland RL, Ebersold MJ. Diagnosis of normal pressure hydrocephalus by measurement of cerebrospinal fluid flow at the cerebral aqueduct using phase contrast MR (oral poster). Congress of Neurological Surgeons Annual Meeting, San Diego, CA. October, 2001.

Dixon GR, **Friedman JA**, Luetmer PH, Quast LM, McClelland RL, Petersen RC, Maher CO, Ebersold MJ. Measurement of cerebrospinal fluid flow at the cerebral aqueduct using phase contrast MR: Predicting outcome of ventriculoperitoneal shunting for idiopathic normal pressure hydrocephalus. Congress of Neurological Surgeons Annual Meeting, San Diego, CA. October, 2001.

McIver JI, **Friedman JA**, Wijdicks EFM, Piepgras DG, Pichelmann MA, Toussaint LG III, McClelland RL, Nichols DA, Meyer FB, Atkinson JLD. Preoperative ventriculostomy is not associated with increased risk of rebleeding following aneurysmal subarachnoid hemorrhage (poster). Congress of Neurological Surgeons Annual Meeting, San Diego, CA. October, 2001.

Collignon F, Martin D, **Friedman J**, Lenelle J, Stevenaert A. The acute central cord syndrome revisited: MRI and clinical observations (poster). Congress of Neurological Surgeons Annual Meeting, San Diego, CA. October, 2001.

Maher CO, Pichelmann MA, Krauss WE, **Friedman JA**, McClelland RL. Outcome of syringomyelia following Chiari decompression (poster). Congress of Neurological Surgeons Annual Meeting, San Diego, CA. October, 2001.

Friedman JA, Collignon FP, Atkinson JLD. Recurrent intraventricular and subarachnoid hemorrhage due to an intracranial schwannoma (poster). Congress of Neurological Surgeons Annual Meeting, San Diego, CA. October, 2001.

Pichelmann MA, **Friedman JA**, Wijdicks EFM, Piepgras DG, McIver JI, Toussaint LG III, McClelland RL, Nichols DA, Meyer FB, Atkinson JLD. Does neurogenic pulmonary edema predict poor outcome after aneurysmal subarachnoid hemorrhage? (poster) Congress of Neurological Surgeons Annual Meeting, San Diego, CA. October, 2001.

Friedman JA, Piepgras DG, Duke DA, Bechtle PS, McClelland RL, Maher CO, Perkins WJ, Parisi JE, Brown RD Jr. Remote cerebellar hemorrhage after supratentorial craniotomy. World Congress of Neurosurgery, Sydney, Australia (in absentia). September, 2001.

Friedman JA, Meyer FB, Bates LM, Goerss SJ, Windschitl WL, Duffy JR, Perkins WJ, O'Neill BP. Awake craniotomy for resection of primary gliomas located in eloquent brain (oral poster). World Congress of Neurosurgery, Sydney, Australia (in absentia). September, 2001.

Friedman JA, Meyer FB, Wetjen NM, Nichols DA. Vasospasm after transsphenoidal surgery treated with balloon angioplasty (oral poster). World Congress of Neurosurgery, Sydney, Australia (in absentia). September, 2001.

Maher CO, **Friedman JA**, Meyer FB, Atkinson JLD, Piepgras DG. Orientation as a Predictor of Poor Outcome for Basilar Bifurcation Aneurysms (poster). American Association of Neurological Surgeons Annual Meeting, Toronto, Canada. April, 2001.

Friedman JA, Pollock BE, Nichols DA. Development of a cerebral arteriovenous malformation documented in an adult by serial angiography (poster). American Association of Neurological Surgeons Annual Meeting, Toronto, Canada. April, 2001.

Friedman JA, Pichelmann MA, Piepgras DG, Atkinson JLD, Maher CO, Meyer FB, Hansen KK. Ischemic complications of surgery for anterior choroidal artery aneurysms. Joint Meeting of the American Association of Neurological Surgeons and Congress of Neurological Surgeons Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology, Waikoloa, HI. February, 2001.

Friedman JA, Meyer FB, Nichols DA, Coffey RJ, Hopkins LN, Maher CO, Meissner ID, Pollock BE. Fatal progression of posttraumatic dural arteriovenous fistulae refractory to multimodality therapy (poster). Joint Meeting of the American Association of Neurological Surgeons and Congress of Neurological Surgeons Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology. Waikoloa, HI. February, 2001.

Friedman JA, Pichelmann MA, Piepgras DG, Atkinson JLD, Maher CO, Meyer FB, Hansen KK. Ischemic complications of surgery for anterior choroidal artery aneurysms. Richard B. Lende Winter Neurosurgery Conference, Snowbird, UT. February, 2001.

Friedman JA, Ebersold MJ, Quast LM. Persistent post-traumatic cerebrospinal fluid leakage. Detroit Trauma Symposium, American College of Surgeons Committee on Trauma, Region V, Detroit, MI. November, 2000.

Maher CO, Piepgras DG, Brown RD Jr., Pollock BE, **Friedman JA**. Occurrence of symptomatic vascular malformations in hereditary hemorrhagic telangiectasia (oral poster). Congress of Neurological Surgeons Annual Meeting, San Antonio, TX. September, 2000.

Maher CO, **Friedman JA**, Quast LM, Ebersold MJ. Spontaneous disc space infections in adults (oral poster). Congress of Neurological Surgeons Annual Meeting, San Antonio, TX. September, 2000.

Friedman JA, Pollock BE, Nichols DA, Gorman DA, Foote RL, Stafford SL, Link MJ. Results of combined stereotactic radiosurgery and trans-arterial embolization for low-risk dural arteriovenous fistulae of the transverse and sigmoid sinuses. Congress of Neurological Surgeons Annual Meeting, San Antonio, TX. September, 2000.

Maher CO, Meyer FB, Piepgras DG, **Friedman JA**, Atkinson JLD. Angiographic risk factors in basilar apex aneurysm surgery. Annual Meeting, Minnesota Surgical Society, Rochester, MN. September, 2000.

Friedman JA, Pollock BE, Nichols DA, Gorman DA, Foote RL, Stafford SL, Link MJ. Results of combined stereotactic radiosurgery and trans-arterial embolization for low-risk dural arteriovenous fistulae of the transverse and sigmoid sinuses. Annual Meeting, Minnesota Surgical Society, Rochester, MN. September, 2000.

Friedman JA, Ebersold MJ, Quast LM. Persistent post-traumatic cerebrospinal fluid leakage. Annual Meeting, American College of Surgeons Committee on Trauma, Minnesota Chapter, Minneapolis, MN. May, 2000.

Friedman JA, Meyer FB, Nichols DA. Surgical repair of clinoidal segment carotid aneurysms unsuitable for endovascular treatment. American Association of Neurological Surgeons Annual Meeting, San Francisco, CA. April, 2000.

Friedman JA, Piepgras DG, Pichelmann MA, Hansen KK, Brown RD, Jr., Wiebers DO. Small cerebral aneurysms presenting with symptoms other than rupture. American Association of Neurological Surgeons Annual Meeting, San Francisco, CA. April, 2000.

Friedman JA, Meyer FB, Nichols DA. Surgical repair of transitional and clinoidal segment carotid aneurysms unsuitable for endovascular treatment. Joint Meeting of the American Association of Neurological Surgeons and Congress of Neurological Surgeons Section on Cerebrovascular Surgery and the American Society of Interventional and Therapeutic Neuroradiology, New Orleans, LA. February, 2000.

Friedman JA, Ebersold MJ, Quast LM. Persistent post-traumatic cerebrospinal fluid leakage. Richard B. Lende Winter Neurosurgery Conference, Snowbird, UT. February, 2000.

Meyer FB, **Friedman JA**, Nichols DA, Windshuttle WL. Surgical repair of transitional cavernous carotid aneurysms unsuitable for endovascular treatment. American Academy of Neurosurgery Annual Meeting, Amelia Island, FL. November, 1999.

Meyer FB, Bates LM, Goerss SJ, Windshuttle WL, **Friedman JA**, Duffy JR, Perkins WJ, O'Neill BP, Cascino GD. Radical resection of gliomas in functioning brain regions utilizing awake cortical

and subcortical mapping and frameless stereotaxis. American Academy of Neurosurgery Annual Meeting, Amelia Island, FL. November, 1999.

Pleasure SJ, **Friedman JA**, Ko NU, Abosch A, Fishman RA, Poncelet AN. Diencephalic herniation as a result of spontaneous intracranial hypotension (SIH) (poster). American Academy of Neurology Annual Meeting, Boston MA. April, 1997.

Friedman JA. Immunohistochemical localization of CD4, CD8, and tenascin in brain tumors (poster). University of California, San Francisco Graduate Research Symposium, San Francisco CA. January, 1995.

Friedman JA, Levine JD. Inhibition of plasma extravasation in rat knees: Effects of fibroblast growth factor and ether (poster). University of California, San Francisco Graduate Research Symposium, San Francisco CA. November, 1993.

Koch AE, **Friedman J**, Burrows JC, Haines GK, Bouck NP. Localization of the angiogenesis inhibitor thrombospondin in human synovial tissues (poster). Annual Scientific Meeting of the American College of Rheumatology, Boston, MA. November, 1991.

Koch AE, **Friedman J**, Burrows JC, Haines GK, Bouck NP. Localization of the angiogenesis inhibitor thrombospondin in human synovial tissues (poster). Annual Meeting of the American Federation for Clinical Research, Seattle WA. May, 1991.

**Invited
Presentations**

Friedman, JA. Dadventures and work-life balance. Mayo Clinic Grand Rounds. Rochester, MN. June, 2017

Friedman, JA. America Medical Student Association Meeting. College Station, TX. March, 2018.

Friedman, JA. Texas A&M Alpha Epsilon Delta Meeting. College Station, TX. April, 2016.

Friedman, JA. Clinical Research for Physicians in Academic Medicine. Texas A&M Health Science Center College of Medicine Surgery Interest Group. College Station, TX. September, 2014.

Friedman, JA. Clinical Research for Physicians in Academic Medicine. Texas A&M Health Science Center College of Medicine Summer Research Program Seminar Series. College Station, TX. June, 2012.

Friedman JA. Stroke: State of the art 2011. Texas A&M Health Science Center Heart Health Issues Forum. George H.W. Bush Presidential Library, College Station, TX. April, 2010.

Friedman JA. Significance of the White Coat in Medicine. Texas A&M Family Medicine Residency White Coat Ceremony, College Station, TX. June, 2009

Friedman JA. Current treatments of stroke. Association of Operating Room Nurses/Association of Advanced Care Nursing Annual Meeting, Bryan, TX. August, 2008.

Friedman JA. Current treatments of stroke. TAMHSC College of Medicine Mini-Medical School, College Station, TX. February, 2008.

Friedman JA. Assorted insights regarding training and career. Arthur C. Scott Surgical Society, TAMHSC College of Medicine, College Station, TX. February, 2008.

Friedman JA. Career choice and residency matching in surgical specialties. TAMHSC College of Medicine Surgery and Emergency Medicine Student Interest Group. TAMHSC, College Station, TX. September, 2007.

Friedman JA. Surgical Treatment of Spinal Diseases. Community Seminar, St. Joseph Regional Health Center, Bryan, TX. August, 2007.

Friedman JA. ICP and CPP monitoring in the ICU. Neurointensive and Neuromonitoring Course, Asociacion de Medicos Intensivistas de Costa Rica. San Jose, Costa Rica. April, 2007.

Friedman JA. Intracranial hypertension syndromes: Therapeutic options. Neurointensive and Neuromonitoring Course, Asociacion de Medicos Intensivistas de Costa Rica. San Jose, Costa Rica. April, 2007.

Friedman JA. Stroke Program Development. Grand Rounds, St. Joseph Regional Health Center, Bryan, TX. March, 2007.

Friedman JA. Cerebrovascular Disease. Seminar, Neuro-intensive care nursing, St. Joseph Regional Health Center, Bryan, TX. November, 2006.

Friedman JA. Career choice and residency matching in surgical specialties. TAMHSC College of Medicine Surgery and Emergency Medicine Student Interest Group. TAMHSC, College Station, TX. November, 2006.

Friedman JA. Surgical repair of the injured spinal cord: Using biodegradable polymer implants to facilitate axon regeneration. Neuroscience Faculty Seminar, Texas A and M University, College Station, TX. March, 2006.

Friedman JA. Surgical repair of the injured spinal cord: Using biodegradable polymer implants to facilitate axon regeneration. Multidisciplinary Spine Conference, St. Joseph Regional Health Center, Bryan, TX. March, 2006.

Friedman JA. Surgical Treatment of Neck and Back Diseases. Community Seminar, St. Josephs Rehabilitation Center, Bryan, TX. October, 2005.

Friedman JA. Surgical management of cerebrovascular disease. Symposium on Neurology and Neurosurgery, Southern Vermont Regional Medical Center, Bennington, VT. September, 2004.

Friedman JA. Cerebrovascular Disease. Grand Rounds, Androscoggin Valley Hospital, Berlin, NH. June, 2004.

Friedman JA. Introduction to craniotomies. Surgical Technician Training Course, Dartmouth Hitchcock Medical Center, Lebanon, NH. May, 2004.

Friedman JA. Cerebrovascular Disease. Grand Rounds, Rutland Regional Medical Center, Rutland, VT. April, 2004.

Friedman JA. Cerebral vasospasm. Neuroradiology Grand Rounds, Dartmouth Hitchcock Medical Center, Lebanon, NH. March, 2004.

Friedman JA. Surgical repair of the injured spinal cord: Using biodegradable polymer implants to facilitate axon regeneration. Neurology/Neurosurgery Grand Rounds, Dartmouth Hitchcock Medical Center, Lebanon, NH. March, 2004.

Friedman JA. Surgical repair of the injured spinal cord: A novel biodegradable polymer implant to promote axon regeneration. Center for Biomaterials and Advanced Technologies, Johnson & Johnson, Somerville, NJ. July, 2003.

Friedman JA. Surgical repair of the injured spinal cord: A novel biodegradable polymer implant to promote axon regeneration. Neurosurgery Grand Rounds, Mayo Clinic, Rochester, MN. March, 2003.

Friedman JA. Current topics in cerebral vasospasm. Neurology/Neurosurgery Grand Rounds, Dartmouth-Hitchcock Medical Center, Lebanon, NH. March, 2003.

Friedman JA. Intracranial aneurysms. Mayo Clinic Surgical Assistant In-Service, Mayo Clinic, Rochester, MN. September, 2002.

Friedman JA. Anterior circulation aneurysms. Mayo Clinic Neuroscience Nurses In-Service, Rochester, MN. June, 2002.

Friedman JA. Anterior circulation aneurysms. Upper Mississippi Basin Chapter of the American Association of Neuroscience Nurses Meeting, Rochester, MN. March, 2001.

Friedman JA, Ebersold MJ, Quast LM. Atypical lesions of the optic nerve: Differential diagnosis, imaging features, and pathologic findings. Neurology Grand Rounds, Mayo Clinic, Rochester, MN. May, 2000.

Friedman JA. Fundamentals of neuroanatomy and cerebrovascular anatomy. Mayo Clinic Neurosurgical Operating Room Nurses In-Service, Mayo Clinic, Rochester, MN. April, 2000.

Friedman JA. Fundamentals of neuroanatomy. Mayo Clinic Surgical Assistant In-Service, Mayo Clinic, Rochester, MN. March, 2000.

Friedman JA. Anatomy of the cerebral hemispheres and cranial nerves. Mayo Clinic Surgical Technician Certification Course, Mayo Clinic, Rochester, MN. February, 2000.

Friedman JA. Posterior fossa tumors in children. Neurosurgery Grand Rounds, Mayo Clinic, Rochester, MN. July, 1999.

Friedman JA. Barbiturates and propofol in the management of severe head injury. Neurosurgery Grand Rounds, Mayo Clinic, Rochester, MN. January, 1999.

**Letters
Comments
Abstracts**

Friedman JA, Kumar R. Intraoperative angiography should be standard in cerebral aneurysm surgery. Accepted for Publication, *BMC Surgery*, March, 2009.

Friedman JA. Book review: Color Atlas of Microneurosurgery of Acoustic Neuromas by Koos, et al. *Young Neurosurgeons' News*, Winter, 2005.

Friedman JA, Torres-Russotto D, Cohen-Gadol AA, Meyer FB. Hemorrhage risk of giant intracranial arteriovenous malformations (abstract). *Journal of Neurosurgery* 100(1): A188-A189. January, 2004.

Friedman JA. Review of "Mortality rates after subarachnoid hemorrhage: Variations according to hospital case volume in 18 states" by Cross DT, et al. (comment). *Practical Reviews in Neurosurgery* 2(10). December, 2003.

Friedman JA. Review of "Sex steroid hormone exposures and risk for meningioma" by Jhawar BS, et al. (comment). *Practical Reviews in Neurosurgery* 2(10). December, 2003.

Friedman JA. Neurosurgery is alive and well. *Young Neurosurgeons' News*, Fall, 2003.

Friedman JA. Review of "A reappraisal of angioplasty and stenting for the treatment of Vertebral origin stenosis" by Albuquerque FC, et al. (comment). *Practical Reviews in Neurosurgery* 2(5). October, 2003.

Friedman JA. Review of "Endovascular treatment of paraclinoid aneurysms: Experience with 73 patients" by Park HK, et al. (comment). *Practical Reviews in Neurosurgery* 2(4). September, 2003.

Friedman JA. Review of "Catastrophic spine injuries in American football, 1977-2001" by Cantu RC, et al. (comment). *Practical Reviews in Neurosurgery* 2(4). September, 2003.

Friedman JA, Lewellyn EB, Moore MJ, Schermerhorn TC, Knight AM, Currier BL, Yaszemski MJ, Ameenuddin S, Windebank AJ. Robust axon regeneration following surgical repair of the injured spinal cord with a novel biodegradable implant (abstract). *Neurosurgery* 53(2): 480-481. August, 2003.

Friedman JA. Review of "Small unruptured cerebral aneurysms presenting with oculomotor nerve palsy" by Yanaka K, et al. (comment). *Practical Reviews in Neurosurgery* 1(11). April, 2003.

Friedman JA. Review of "Mechanisms of snowboarding-related severe head injury: Shear strain induced by the opposite-edge phenomenon" by Nakaguchi H, et al. (comment). *Practical Reviews in Neurosurgery* 1(11). April, 2003.

Friedman JA. Review of "Microsurgical fenestration of the lamina terminalis reduces the incidence of shunt-dependent hydrocephalus after aneurysmal subarachnoid hemorrhage" by Komotar RJ, et al. (comment). *Practical Reviews in Neurosurgery* 1(9). February, 2003.

Friedman JA. Review of "Cerebellar hemorrhage arising postoperatively as a complication of supratentorial surgery: A retrospective study" by Honegger J, et al. (comment). *Practical Reviews in Neurosurgery* 1(3). September, 2002.

Friedman JA. Review of "Stereotactic radiosurgery providing long-term tumor control of cavernous sinus meningiomas" by Lee JYK, et al. (comment). *Practical Reviews in Neurosurgery* 1(3). September, 2002.

Friedman JA, Windebank AJ, Yaszemski MJ, Moore MJ, Lewellyn EB. A Schwann cell seeded, biodegradable polymer implant for promoting axon regeneration following spinal cord injury (abstract). *Annals of Neurology* 52(3S): S87. September, 2002.

Friedman JA. Book review: Greenberg's Handbook of Neurosurgery. *Young Neurosurgeons' News*, Fall, 2002.

Friedman JA, Nichols DA, Meyer FB, Pichelmann MA, McIver JI, Toussaint LG III, Axley PL, Brown RD Jr. Endovascular coil occlusion of ruptured saccular cerebral aneurysms using Guglielmi detachable coils: Initial 10-year experience (abstract). *Journal of Neuroradiology* 29(1): 1S71. August, 2002.

Friedman JA, Piepgras DG. Remote hemorrhage (letter). *Journal of Neurosurgery* 97(2): 498-499. August, 2002.

Friedman JA, Piepgras DG. Remote cerebellar hemorrhage (letter; response). *Neurosurgery* 51(2): 523-524. August, 2002.

Friedman JA, Goerss SJ, Meyer FB, Piepgras DG, Pichelmann MA, McIver JI, Toussaint LG III, McClelland RL, Nichols DA, Atkinson JLD, Wijdicks EFM. Volumetric quantification of Fisher Grade 3 aneurysmal subarachnoid hemorrhage: A novel method to predict symptomatic vasospasm on admission CT scan (abstract). *Neurosurgery* 51(2): 574. August, 2002.

Friedman JA, Manno E, Fulgham JR. Propofol (letter). *Journal of Neurosurgery* 96(6): 1161-1162. June, 2002.

Phoung LK, **Friedman JA**. Review of RUNN 2001. *Young Neurosurgeons' News*, Spring, 2002.

Friedman JA. Review courses for the neurosurgery written board examination. *Young Neurosurgeons' News*, Spring, 2002.

Friedman JA. Book reviews: Five residents, two books, and the ABNS exam. *Young Neurosurgeons' News*, Spring, 2002.

Friedman JA. Long life? It's not so good (letter). *Time* 159(6): 9. February 11, 2002.

Toussaint LG III, **Friedman JA**, Wijdicks EFM, Piepgras DG, Pichelmann MA, McIver JI, McClelland RL, Nichols DA, Meyer FB, Atkinson JLD. Prior aspirin use does not worsen outcome in aneurysmal subarachnoid hemorrhage (abstract). *Journal of Neurosurgery* 96(2): 430-431. February, 2002.

Maher CO, Meyer FB, **Friedman JA**, Wetjen NM. Prospective analysis of intraoperative carotid sinus lidocaine injection during endarterectomy (abstract). *Journal of Neurosurgery* 96(1): 179A. January, 2002.

Toussaint LG III, **Friedman JA**, Wijdicks EFM, Piepgras DG, Pichelmann MA, McIver JI, McClelland RL, Nichols DA, Meyer FB, Atkinson JLD. Prognosis in survivors of cardiac arrest following aneurysmal subarachnoid hemorrhage (abstract). *Journal of Neurosurgery* 96(1): 180A. January, 2002.

Friedman JA, Pichelmann MA, Wijdicks EFM, Piepgras DG, McIver JI, Toussaint LG III, McClelland RL, Nichols DA, Meyer FB, Atkinson JLD. Pulmonary complications of aneurysmal subarachnoid hemorrhage (abstract). *Journal of Neurosurgery* 96(1): 180A. January, 2002.

Maher CO, Piepgras DG, Brown RD Jr., **Friedman JA**, Pollock BE. Compelling reasons to screen brain in HHT (letter; response). *Stroke* 32(12): 2958. December, 2001.

Friedman JA, Raffel CO. Management of malignant pineal germ cell tumors with residual mature teratoma (letter; response). *Neurosurgery* 49(5): 1271. November, 2001.

Phoung LK, **Friedman JA**. Review of RUNN 2001. Resident corner, *Neurosurgery: // On-Call* website. November, 2001.

Friedman JA. Review of three popular written board review courses. Resident corner, *Neurosurgery: // On-Call* website. October, 2001.

Friedman JA, Piepgras DG. Remote hemorrhage (letter). *Journal of Neurosurgery: Spine* 95(2 Suppl.): 279-280. October, 2001.

Dixon GR, **Friedman JA**, Luetmer PH, Quast LM, McClelland RL, Petersen RC, Maher CO, Ebersold MJ. Measurement of cerebrospinal fluid flow at the cerebral aqueduct using phase contrast MR: Predicting outcome of ventriculoperitoneal shunting for idiopathic normal pressure hydrocephalus (abstract). *Neurosurgery*, 49(2): 520. August, 2001.

Maher CO, Lynch JJ, Meyer FB, Raffel C, Unni K, **Friedman JA**. Fibrous dysplasia of the skull in children (abstract). *Neurosurgery*, 49(2): 547. August, 2001

Friedman JA, Meyer FB. Dural arteriovenous fistulas (letter; response). *Journal of Neurosurgery* 94(5): 860-861. May, 2001.

Friedman JA. Review of RUNN 2000. Resident corner, *Neurosurgery: // On-Call* website. May, 2001.

Friedman JA, Pichelmann MA, Piepgras DG, Maher CO, Atkinson JLD, Meyer FB, Hansen KK. Ischemic complications of surgery for anterior choroidal artery aneurysms (abstract). *Journal of Neurosurgery*, 94 (1): 184A. January, 2001.

Friedman JA, Pollock BE, Nichols DA, Gorman DA, Foote RL, Stafford SL, Link MJ. Results of combined stereotactic radiosurgery and trans-arterial embolization for low-risk dural

arteriovenous fistulae of the transverse and sigmoid sinuses (abstract). *Neurosurgery*, 47 (2): 532-533. August, 2000.

Friedman JA, Meyer FB, Nichols DA, Windschitl W. Surgical repair of endovascularly untreatable transitional carotid-cavernous aneurysms (abstract). *Journal of Neurosurgery*, 92 (3): 552. March, 2000.

Friedman JA, Piepgras DG, Pichelmann MA, Hansen KK, Brown RD Jr., Wiebers DO. Patients with small cerebral aneurysms presenting with symptoms other than rupture (abstract). *Journal of Neurosurgery*, 92 (3): 552. March, 2000.

Friedman JA, Meyer FB, Nichols DA. Surgical repair of endovascularly untreatable transitional cavernous carotid aneurysms (abstract). *Journal of Neurosurgery*, 92 (1): 202. January, 2000.

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Koch AE, **Friedman J**, Burrows JC, Haines GK, Bouck NP. Localization of the angiogenesis inhibitor thrombospondin in human synovial tissues (abstract). *Clinical Research*. 39: 250A, 1991.

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