

## Curriculum Vitae

Jonathan A. White, M.D.

**PRESENT TITLE:** Professor of Neurosurgery

**OFFICE ADDRESS:** Department of Neurosurgery  
University of Texas Southwestern Medical Center at Dallas  
5323 Harry Hines Boulevard  
Dallas, Texas 75390-8855  
214-648-7912

**SPECIALTY INTERESTS:**  
Cerebrovascular Disease  
Microvascular Surgery  
Endovascular Surgery  
Cerebral Blood Flow  
Trigeminal Neuralgia  
Hydrocephalus

**CITIZENSHIP:** U.S.A.

**EDUCATION:** The University of Texas Southwestern Medical Center at Dallas  
Resident in Neurological Surgery, June 2000

The University of New Mexico School of Medicine  
Doctor of Medicine, May 1993

The University of New Mexico  
Bachelor of Science  
Cum Laude in Psychology, May 1986

**FELLOWSHIP:** Endovascular Neurosurgery  
The University of Texas Southwestern Medical Center at Dallas  
October 2006 - October 2009

**BOARD  
CERTIFICATION:** American Board of Neurological Surgery, November 2005

**LICENSURE:** State of Texas            April 1995            J8834

## **PROFESSIONAL ORGANIZATIONS:**

American Association of Neurological Surgeons  
Congress of Neurological Surgeons  
Rocky Mountain Neurosurgical Society  
American Medical Association  
Texas Medical Association  
Texas Association of Neurological Surgeons

## **HOSPITAL AFFILIATIONS:**

University Hospital Zale Lipshy  
5151 Harry Hines Boulevard  
Dallas, Texas 75235

Parkland Memorial Hospital  
5201 Harry Hines Boulevard  
Dallas, Texas 75235

William P. Clements Jr. University Hospital  
6201 Harry Hines Boulevard  
Dallas, Texas 75390

Children's Health  
1935 Medical District Drive  
Dallas, Texas 75235

Veteran's Administration Hospital of Dallas  
4500 S. Lancaster Road  
Dallas, Texas 75216

## **FACULTY APPOINTMENTS:**

Department of Neurological Surgery  
UT Southwestern Medical Center at Dallas  
Professor 2013 - Present

Department of Neurological Surgery  
UT Southwestern Medical Center at Dallas  
Associate Professor 2006 – 2013

Chief of Staff  
University Hospital Zale Lipshy 2010 - 2011

Birsner Family Professorship in Neurological Surgery 2005 – Present

Department of Neurological Surgery  
UT Southwestern Medical Center at Dallas  
Assistant Professor 2000 – 2006

Faculty Senate 2000 - 2003

## COMMITTEE ACTIVITIES:

### **National:**

2014 – Present	AANS Education and Practice Management Committee
2010 – Present	AANS/CNS Cerebrovascular Section Executive Committee
2006 - 2010	Joint Sponsorship Council American Association Neurological Surgeons
2002 - 2004	Course Director Congress of Neurological Surgery  Surgical and Endovascular Treatment of Intracranial Aneurysms

### **Regional:**

2014 – 2017	Director at Large Texas Association of Neurological Surgeons
2009 - 2010	President Rocky Mountain Neurosurgical Society
2008 - 2009	President Elect Rocky Mountain Neurosurgical Society
2007 - 2008	Vice President Rocky Mountain Neurosurgical Society
2005 - 2007	Continue Medical Education Officer Rocky Mountain Neurosurgical Society
2004 - 2005	Scientific Program Director Rocky Mountain Neurosurgical Society

2001 - 2005 Medical Advisory Board, Southwest Transplant Alliance

**UT Southwestern Medical Center Committees:**

2009 – 2014 Medical Director, Surgical Services  
University Hospital Zale Lipshy

2010 - 2011 Chief of Staff  
University Hospital Zale Lipshy

2006 – 2013 Medical Executive Committee  
Chairman, 2010-2011

2009 – 2013 NUH – Emergency Department Planning Group

2008 – 2012 Bylaws Committee

2009 – 2014 Clinical Services Leadership Committee

2008 - Present Peer Review Committee,  
Committee Chair, 2010

2009 – 2014 OR Leadership Committee

2008 - Present Stroke Committee

2008 – 2012 Nominating Committee, University Hospitals

2010 - 2012 Chairman  
University Hospital Zale Lipshy OR User’s Group

2005 - Present Ethics Group

2007 - 2009 Vice Chief of Staff  
University Hospital Zale Lipshy

2006 - 2010 Chairman, Surgical Best Practice Committee

2004 - 2008 Parkland Hospital Organ Donor Committee

2000 - 2006 Surgical Performance Improvement  
University Hospital Zale Lipshy

2001 - 2006            Medical Performance Improvement  
University Hospital Zale Lipsky

**Neurosurgery Departmental Service:**

2005 – Present            Residency Program Director

2005 – 2014            Director, Cerebrovascular Fellowship

                                 Recipient, 2011 American Association of  
Neurological Surgeons, NREF Cerebrovascular  
Fellowship Program Award

2005 – 2010            Fourth Year Sub-internship in Neurosurgery

2007 – Present            Course Director, Visiting Professor Lecture Series

2005 – Present            Course Director, Cerebrovascular Conference  
Lecture Series

2005 – Present            Instructor, Medical Student Summer Research  
Program

**HONORS:**            Society of Neurological Surgery

                                 Alpha Omega Alpha

                                 The National Honor Society in Psychology

**AWARDS:**            Fellow, American College of Surgeons, 2007

                                 Faculty Award for Excellence, 1993

**TEACHING:**            2006 - Present            Residency Program Director

                                 2004 – 2014            Director, Cerebrovascular Fellowship

                                 2002 – 2014            Fourth Year Sub-internship in Neurosurgery

2001 – 2014	Medical Student Third Year Clerkship Introduction to Neurosurgery
2001 - Present	Instructor, Medical Student Summer Research
2003 - 2006	Associate Residency Program Director

**RESEARCH  
ACTIVITIES:**

Barrel Study: Prospective, Multi-Center, Single-Arm Study of the Reverse Medical Barrel Vascular Reconstruction Device (VRD) for Adjunctive Treatment to Embolic Coils for Wide-Neck, Intracranial, Bifurcating/ Branching Aneurysms of Middle Cerebral and Basilar Arteries

Clot Lysis: Evaluating Accelerated Resolution of Intraventricular Hemorrhage (Clear III)  
IRB 62010-133

Radiologic Rates of Progression of Blunt Carotid and Vertebral Injuries  
IRB 122010-053

ACE: An Aneurysm Coiling Efficiency Study of the Penumbra Coil 400 System  
IRB 82010-1

A prospective, multi-center, double-blind randomized, placebo-controlled, parallel-group study to assess the efficacy and safety of clazosentan in reducing vasospasm related morbidity and all-cause mortality in adult patients with aneurismal subarachnoid hemorrhage treated by endovascular coiling (CONSCIOUS III). IRB

DuraSeal Post-Market Study  
IRB 042006-054

Percutaneous Intraspinial Navigation (PIN)  
IRB 1001-534

A Prospective, Multicenter, Feasibility Trial to Evaluate the Safety and Performance of ALGEL used in Presurgical Embolization of Brain Arteriovenous Malformations (AVMS)  
IRB 0301-099

U.S. Multicenter, Randomized Controlled Study Comparing the Performance of Onyx (EVOH) and TRUFILL (n-BCS) in the Presurgical IRB 0501-258

**INVITED  
PRESENTATION:**

El Ahmadieh TY, Wu E, McDoughall C, Aoun SG, Neeley OJ, Plitt A, Ban VS, Sillero R, White JA, Batjer HH, Welch BG. Embolization for Cure in the Treatment of Brain Arteriovenous Malformations: A Systematic Review. (Abstract). Digital Poster. The 2018 Congress of Neurological Surgeons Annual Meeting. October 6-10, 2018. Houston, Texas.

Aoun SG, Welch BG, Stutzman S, El Ahmadieh TY, MacAllister MC, White JA, Batjer HH, Olson D. Objective Pupillometry As A New Prediction And Assessment Tool For Oculomotor Nerve Injury And Recovery: Potential Practice-Changing Implications (Abstract). Digital Poster. The 2018 Congress of Neurological Surgeons Annual Meeting. October 6-10, 2018. Houston, Texas.

Aoun SG, Stutzman S, El Ahmadieh TY, Osman M, Neeley O, Plitt A, Patel VJ, Caruso J, White JA, Welch BG, Batjer HH, Olson D. Detection of Delayed Cerebral Ischemia In Aneurysmal Subarachnoid Hemorrhage Using Objective Pupillometry (Abstract). Digital Poster. The 2018 Congress of Neurological Surgeons Annual Meeting. October 6-10, 2018. Houston, Texas.

The Southwestern Aneurysm Severity Index (SASI): Prediction of outcomes of rupture aneurysms treated with microsurgery. Rocky Mountain Neurosurgical Society, 2018

Neurosurgery Update: Acute Stroke Treatment, Rocky Mountain Neurosurgical Society, 2018

Ventriculoperitoneal outcomes in normal pressure hydrocephalus: A single institutional experience of 116 patients, Rocky Mountain Neurosurgical Society, 2018

Hydrocephalus in acute stroke, Critical Care Nursing Symposium, UT Southwestern Medical Center, June 2018

Instructor, Society of Neurological Surgery Intern Boot Camp Houston, TX April 2018

Instructor, Society of Neurological Surgery Intern Boot Camp San Diego, CA March 2017

Normal Pressure Hydrocephalus  
National Medical Association, Neurology and Neurosurgery Section  
Philadelphia, August 2017

The Southwestern Aneurysm Scoring Index (SASI) – Prediction of  
Outcomes in Ruptured Aneurysms Treated with Microsurgery  
AANS Annual Meeting  
Chicago, IL 2017

Retrograde Suction Decompression Technique for the Management of  
Paraclinoid Aneurysms  
AANS Annual Meeting  
Chicago, IL 2016

Carotid Endarterectomy, the Gold Standard  
Texas Association of Neurological Surgeons  
Galveston, Texas 2015

Neurosurgical Emergencies  
CNS Special Course, CNS Boston, 2014

Advances in the treatment of trigeminal neuralgia  
CNS lunch seminar, CNS Boston, 2014

Current and Future Challenges in Residency Training  
Midwest Neurosurgical Society, Iowa City, September 2014

Management of normal pressure hydrocephalus  
Texas Neurology Society, San Antonio, July 2014

Cranial nerve compression syndromes  
PMNR Grand Rounds  
UT Southwestern Medical Center, January 2014

Neurosurgical Emergencies  
CNS Special Course, CNS San Francisco, 2013

Surgical Resection of AVM's  
European Society for minimally invasive neurological therapy  
Nice, France, September 2013

Management of Vasospasm  
AANS Breakfast Seminar, AANS New Orleans, 2013

Microsurgery for the treatment of posterior circulation aneurysms  
AANS Special Course, AANS New Orleans, 2013



Factors Affecting Intracranial Aneurysm Treatment Other Than Size. Eddleman CS, Welch BG, White JA, Bather HH, Samson DS. CNS Chicago 2012.

Intracranial Aneurysm Locations Treated over a 10-year Period: Trends and Insights. Eddleman CS, Welch BG, Pride GL, White JA, Samson DS. CNS Chicago 2012.

Impact of continuous hypertonic saline infusion on fluid balance in aneurysmal subarachnoid hemorrhage patients. Benjamin Boudreaux, Daniel Klinger, James Botros, Kim Rickert, Babu Welch, Jonathan White, Duke Samson, Eugene Gu. AANS 2012.

Autologous and Acrylic Cranioplasty: A Single-Institution Review of 258 Cases. Daniel Klinger MD, Christopher Madden MD, Joseph Beshay MD, Jonathan White MD, Kim Rickert MD. AANS 2012

Influence of Urine Output on Magnesium Level in Aneurysmal Subarachnoid Hemorrhage. Eugene Gu, MD, Daniel Klinger, MD, Benjamin Boudreaux, MD, James Botros, MD, Adam Griffith, MD, Kim Rickert, MD, Jonathan White, MD and Duke Samson, MD. AANS 2012

Delayed asystole in a patient with aneurysmal subarachnoid hemorrhage triggered by surgical intervention. Svjetlana Miocinovic , Jonathan White, Christopher Madden, Adam Griffith, Kim Rickert , Wengui Yu, Eugene Gu. AAN Meeting April 21-28th, 2012.

Visiting Professor. University of New Mexico. Surgical Treatment of Trigeminal Neuralgia. December, 2011.

Chinese Neurointerventional Society Conference, Zhengzhou, China, October 29, 2011.

Surgical Clipping of BA aneurysm. New Era International Multidisciplinary Sharing (NEIMS), Zhengzhou, China, October 28, 2011.

Nancheng County Hospital Neuroscience Visiting Professor Conference, October 25, 2011.

Jiangxi Neurosurgical Society Conference, Nichun, China, October 23, 2011.

Visiting Professor  
Iowa Midwest Endovascular Fellow Course, University of Iowa, June

2010

Rickert K, White J, Welch B, Novakovic R, Pride L. Positive predictive value of a trial balloon occlusion protocol in the carotid circulation. Rocky Mountain Neurosurgical Society, June 2010.

Toth G, Haithcock J, White J, Pride L. Super selective pharmacologic functional testing of a lenticulostriate vessel originating from an intracranial aneurysm before endovascular treatment. Society of NeuroInterventional Surgery Meeting, Carlsbad, California, July 26-29, 2010.

Welch B, Novakovic R, Rickert K, White J. Retrograde Horizontal and Diagonal Stent Placement Strategies at the Basilar Apex to Facilitate Treatment of Wide Neck Basilar Aneurysms. Society of Neurointerventional Surgery, July 2008.

Welch B, Beshay J, Pride L, Samson D, White J. Management of Posterior Communicating Artery Aneurysms: Evaluation of Surgical and Endovascular Advantages. Rocky Mountain Neurosurgical Society, June 2006.

Beshay J, White J. Role of extracranial to intracranial bypass in select patients. Rocky Mountain Neurosurgical Society, June 2005.

Al-Khayat H, White J, Samson D. Upper Basilar Artery Aneurysms: Oculomotor Outcomes in 163 Cases. Congress of Neurological Surgery, 2004.

Jonathan White and Thomas Kopitnik. Surgery After Endovascular Therapy for Aneurysms. Rocky Mountain Neurosurgical Society. Santa Fe, New Mexico, June 2002.

Instructor, Posterior Circulation Aneurysms, Congress of Neurological Surgeons Annual Meeting, San Diego, CA. September 28, 2001.

Surgical Management of Low Back Pain, 4<sup>th</sup> Annual Update in Pain Management. University of Texas Southwestern Medical Center at Dallas, Texas. April 28, 2001.

Debra Steele, Jonathan White and Thomas Kopitnik. Outcomes After Small Aneurysm Rupture, Southern Society for Neurological Surgery, Austin, Texas, April 2001.

Jonathan White, Thomas Kopitnik and Duke Samson, Hemorrhage After AVM Resection, Joint Cerebrovascular Meeting, Hawaii, 2001.

Instructor, Posterior Circulation Aneurysms, Congress of Neurological Surgeons Annual Meeting, San Antonio, TX, Oct 17, 2000.

Jonathan White and Thomas Kopitnik. Outcomes After Intraoperative Aneurysm Rupture, Rocky Mountain Neurosurgical Society. Alyeska, Alaska, 2000.

Jonathan White and Andrea Halliday. Craniovertebral Junction Instability From Rheumatoid Arthritis. Clinical Case Presentation, Texas Society of Neurological Surgeons, 2000.

Instructor, Posterior Circulation Aneurysms, Congress of Neurological Surgeons Annual Meeting, Boston, Massachusetts, Oct 30, 1999

Low Dose Dopamine Restores Cerebral Blood Flow in a Canine Model of Subarachnoid Hemorrhage, Rocky Mountain Neurosurgical Society. Coeur d' Alene, Idaho, 1999.

Chronic Vasospasm Reduces Cerebral Blood Flow in a Canine Model of Subarachnoid Hemorrhage. American Association of Neurological Surgeons. New Orleans, Louisiana, 1999.

Radiation Necrosis of Bone Presenting as Craniovertebral Instability, Rocky Mountain Neurosurgical Society. Denver, Colorado, 1998.

Effects of Opiate Receptor Agonists on Leucocyte Migration into Rat Cerebral Ventricles, Western Section, American Federation for Clinical Research, Carmel, California, February 1991.

**PUBLICATIONS:** Objective Pupillometry As an Adjunct to Prediction And Assessment For Oculomotor Nerve Injury And Recovery: Potential for Practical Applications. World Neurosurgery: Aoun SG, Welch BG, Cortes M, Stutzman SE, Macallister MC, El Ahmadi TY, Figueroa SA, White JA, Batjer HH, Olson DM (Accepted)

Posterior Fossa Arteriovenous Malformations: Jonathan A. White and Babu G. Welch, June 27, 2018

The 25th anniversary of the retrograde suction decompression technique (Dallas technique) for the surgical management of paraclinoid aneurysms: historical background, systematic review, and pooled analysis of the literature: Bruno C. Flores, MD, Jonathan A. White, MD, H. Hunt Batjer, MD, and Duke S. Samson, MD, May 4, 2018  
PMID: 29726776

Plitt A, El Ahmadieh TY, Bindal S, Myers L, White J, Gluf W. Hypoglossal Schwannoma of the Neck: A Case Report and Review of the Literature. *World Neurosurgery*. 2017 Nov 22 S1878-8750(17)31992-7  
PMID: 29175571

Delayed treatment of ruptured brain AVMs: is it ok to wait? Beecher JS, Lyon K, Ban VS, Vance A, McDougall CM, Whitworth LA, White JA, Samson D, Batjer HH, Welch BG. *J Neurosurg*. 2017 Jul 7:1-7. doi: 10.3171/2017.1.JNS16745. [Epub ahead of print]  
PMID:28686111

Delayed treatment of ruptured brain AVMs: is it ok to wait? Beecher JS, Lyon K, Ban VS, Vance A, McDougall CM, Whitworth LA, White JA, Samson D, Batjer HH, Welch BG. *J Neurosurg*. 2017 Jul 7:1-7. doi: 10.3171/2017.1.JNS16745.  
PMID: 28686111

The Southwestern Aneurysm Scoring Index Prediction of Outcomes at 1 Year in Ruptured Aneurysms Treated With Microsurgery. Ban VS, Beecher JS, Eddleman CS, Aoun SG, Lyon KA, El Ahmadieh TY, McDougall CM, Welch BG, Reisch J, Batjer HH, Samson DS, White JA. *Neurosurgery*. 2016 Aug;63 Suppl 1:148-9.  
PMID: 27399395

Delayed Treatment of Ruptured Arteriovenous Malformations: Is It Ok to Wait? Beecher JS, Vance A, Lyon KA, Ban VS, McDougall CM, Whitworth LA, White JA, Samson DS, Batjer HH, Welch BG. *Neurosurgery*. 2016 Aug;63 Suppl 1:206.  
PMID: 27399557

The Contribution of Whole Platelet Aggregometry to the Endovascular Management of Unruptured Aneurysms: An Institutional Experience. Welch BG, Aoun SG, Pride GL, Rickert KL, White JA, Hoes K, Novakovic R, Sarode R. *Neurosurgery*. 2016 Aug;63 Suppl 1:187.  
PMID: 27399502

Spinal vascular malformations: treatment strategies and outcome. Flores BC, Klinger DR, White JA, Batjer HH. *Neurosurg Rev*. 2016 Apr 13. [Epub ahead of print] Review.  
PMID: 27075861

Klinger DR, White JA, Batjer HH. Race and Hemorrhage in Cerebral Arteriovenous Malformations. *World Neurosurgery*. 2015 March

PMID: 25980598

White JA, Batjer HH. Management of Deep Arteriovenous Malformations. *World Neurosurgery*. 2015 March. 83(3): 339-40

PMID: 2497118

Flores BC, Klinger DR, Rickert KL, Welch BG, White JA, Batjer HH and Samson DS. Management of intracranial aneurysms associated with arteriovenous malformations. *Neurosurgery Focus*. 2014 Sept. 37 (3).

PMID: 25175430

Ray B, Rickert KL, Welch BG, White JA, Klinger DR, Boudreaux BP, Whittlemore BA, GU E. Development of Contrast-Induced Nephropathy in Subarachnoid Hemorrhage: a Single Center Perspective. *Neurocrit Care*. 2013 May.

Eddleman CS, Welch BG, Vance AZ, Rickert KL, White JA, Pride GL, Purdy PD. Endovascular coils: properties, technical complications and salvage techniques. *J Neurointerv Surg*. 2013 Mar;5(2):104-9.

Toth G, Haithcock J, White J, Pride L. Super selective pharmacologic functional testing of a lenticulostriate vessel originating from an intracranial aneurysm before endovascular treatment. *Journal of NeuroInterventional Surgery* 2010; 2(3):289 (E-026).

Hauck EF, Barnett S, White J, Samson D. The limited presigmoid approach to antero-lateral pontine cavernomas. *Journal of Neurosurgery* 2010; 113(4):701-8.

Dutton-Johnson K, Samson D, Purdy P, Pride L, Welch B, White J, Rickert K, Novakovic R. Retrograde crossing stent placement strategies at the basilar apex for the treatment of wide necked aneurysms: reconstructive and deconstructive opportunities. *Journal of NeuroInterventional Surgery* 2009; 1:132-135.

Hauck EF, White J, Samson D. The small "surgical aneurysm" of the basilar apex. *Journal of Neurosurgery* 2009; 112:1216-1221.

Hauck EF, Welch B, White J, Replogle R, Purdy P, Pride L, Samson D. Stent/coil treatment of very large and giant unruptured ophthalmic and cavernous aneurysms. *Surgical Neurology* 2009; 71(1):19-24: Discussion 24.

Yu W, Rives J, Welch B, White J, Stehel E, Samson D. Hyperplasia or Occlusion of the Ipsilateral Cranial Venous Drainage Is Associated With Early Fatal Edema of Middle Cerebral Artery Infarction. *Stroke* 2009; 40(12):3736-3739.

Hauck EF, Welch B, White J, Purdy P, Pride L, Samson D. Pre-operative embolization of cerebral arteriovenous malformations with onyx. *American Journal of Neuroradiology* 2009; 30(3):492-5.

Hauck EF, Barnett S, White J, Samson D. Symptomatic Brainstem Cavernomas. *Neurosurgery* 2009; 64(1):61-71.

Hauck EF, Wohlfeld B, Welch B, White J, Samson D. Clipping of very large or giant unruptured intracranial aneurysms in the anterior circulation: An outcome study. *Journal of Neurosurgery* 2008; 109: 1012-1018.

White J. Microsurgical Principles of Giant Aneurysm Repair. *Operative Techniques in Neurosurgery* 2005; 8(2):63-66.

White J, Replogle R. Microsurgical and Endovascular Treatment of Giant Internal Carotid Aneurysms. *Operative Techniques in Neurosurgery* 2005; 8(2):63-66.

Replogle R, White J. Giant Vertebral Artery Aneurysm. *Operative Techniques in Neurosurgery* 2005; 8(2):63-66.

Al-Khayat H, Al-Khayat H, Beshay J, Manner D, White J, Samson D. Vertebral Artery-Posteroinferior Cerebellar Artery Aneurysms: Clinical and lower cranial nerve outcomes in 52 patients. *Journal of Neurosurgery* 2004; 56:2-11, 2004.

Pride G Jr, Replogle R, Rappard G, Graybeal C, White J, Purdy P. Stent/coil treatment of a distal internal carotid artery dissecting pseudoaneurysm on a redundant loop by use of a flexible, dedicated nitinol intracranial stent. *American Journal of Neuroradiology* 2004; 25(2):333-337.

Taylor C, Dutton K, Rappard G, Pride G, Replogle R, Purdy P, White J, Giller C, Kopitnik T JR, Samson D. Complications of preoperative cerebral AVM embolization. *Journal of Neurosurgery* 2004; 100(5):810-2.

White J, Horowitz M, Samson D. Dural waisting as a sign of subarachnoid extension of cavernous carotid aneurysms: A follow-up case report. *Surgical Neurology* 1999; 52:607-10.

Rushing E, White J, D'Alise M, Chason D, White C, and Biigio E. Primary epithelioid hemangioendothelioma of the clivus. *Clinical Neuropathology* 1998; 17(2):860-5.

Guo J, White J, Batjer H. Limited Protective Effects of Etomidate During Brainstem Ischemia. , *Journal of Neurosurgery* 1995; 82(2): 278-83, 1995.

Guo J, White J, Batjer H. Intravenous Perflubron Emulsion Administration Improves The Recovery of Auditory Evoked Potentials After Temporary Brainstem Ischemia in Dogs, *Neurosurgery* 1995; 36(2) 350-6.

Guo J, White J, Batjer H. The Protective Effect of Thiopental On Brainstem Ischemia, *Neurosurgery* 1995; 37(3):490-5.

Mun-Bryce S, Kroh F, White J, Rosenberg G. Brain Lactate And pH Dissociation in Edema: 1H- and 31P-NMR in Collagenase-Induced Hemorrhage in Rats, *The American Journal of Physiology* 1993; 265(3): r697-702.

Rosenberg G, White J, Gasparovic C, Crisostomo E, Griffey R. Effect of Hypoxia On Cerebral Metabolites Measured by Proton Nuclear Magnetic Resonance Spectroscopy in Rats, *Stroke* 1991; 22: 73-79.

#### **BOOK CHAPTERS:**

White J, Kopitnik T, Batjer H. Spinal Intradural Vascular Malformations. In Benzel, Spine Surgery. Elsevier, Philadelphia, 2005.

Kopitnik T, Dorai Z, White J, Samson D. Posterior Fossa Arteriovenous Malformations. In Richard Winn, Youmans Neurological Surgery. Elsevier, Philadelphia, 2004.

Thomas Kopitnik, Carol Croft, Shawn Moore, Jonathan White. Management of Subarachnoid Hemorrhage. In Hughes, R., Neurological Emergencies. BMJ books, London, 2003.

Thomas Kopitnik, Jonathan White, Duke Samson. Surgical Treatment of Cerebral Arteriovenous Malformations. In Batjer and Loftus, Textbook of Neurological Surgery. Lippincott Williams & Wilkins, Philadelphia, 2003.

Jonathan White and Caetano Coimbra, Skull Base Approaches To Vascular Lesions. In Batjer and Loftus, Textbook of Neurological Surgery. Lippincott Williams & Wilkins, Philadelphia, 2003.

Jonathan White. Neurotrauma, In Parkland Trauma Handbook, Third Edition. Mosby Press, Dallas 1997.

**BOOKS:**

Batjer HH, Samson D, Eddleman CS, White J, Trammell T, et al Editors. Basic Operative Techniques of Intracranial Aneurysms. Thieme Medical Publishers, 2011

Psarros T, White J, Morgan H. Clinical Neurosurgical Vignettes for the Oral Board and Recertification Examinations: A Self-Assessment Guide. Anotatos Publishing, Pennsylvania, 2008.