

Robert J. Wienecke, MD

Curriculum Vitae

Neuroscience Specialists, P.C. · 14100 Parkway Commons Drive, Suite 100 · Oklahoma City, OK 73134

(405) 748-3300

EDUCATION

| | |
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| University of Colorado, Boulder, CO | 1991–1994 |
| Dean's Academic Scholarship | |
| University of Oklahoma College of Medicine, Oklahoma City, OK | 1994–1998 |
| Doctor of Medicine — Alpha Omega Alpha | |
| University of Oklahoma Medical Center, Oklahoma City, OK | 1998–1999 |
| Intern, Surgery | |
| University of Oklahoma Medical Center, Oklahoma City, OK | 1999–2004 |
| Resident, Neurosurgery | |
| Northwestern Memorial Hospital, Chicago, IL | 2004 |
| Spine Fellowship | |

PRACTICE

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| Neuroscience Specialists, P.C. | 2004–Present |
| 14100 Parkway Commons Drive, Suite 100, Oklahoma City, OK 73134 | |
| (405) 748-3300 | |

PROFESSIONAL ORGANIZATIONS

Congress of Neurological Surgeons
American Association of Neurological Surgeons
AANS / CNS Joint Section on Spine and Peripheral Nerves
Scoliosis Research Society
OneSpine

GOVERNANCE

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| Oklahoma University Medical Center Resident Council Member | 2003–2004 |
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COMMITTEE APPOINTMENTS

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| Scoliosis Research Society International Meeting on Advanced Spinal Techniques Committee | 2008–2009 |
| Scoliosis Research Society Patient Education Committee | 2008–2009 |
| Scoliosis Research Society Abstract Reviewer | 2008–2009 |

AWARDS, HONORS, AND SCHOLARSHIPS

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| Aesculapian Award Nominee, University of Oklahoma College of Medicine, for excellence in teaching the Class of 2004 | 2003 |
| Augustus McCravey Resident Award Clinical Neurosurgery Paper, Southern Neurological Society | 2002 |
| Oklahoma Neurological Surgery Alumni Award, University of Oklahoma College of Medicine | 1998 |
| Alpha Omega Alpha Honor Medical Society, University of Oklahoma College of Medicine | 1998 |
| Mark Allen Everett Foundation Scholarship, University of Oklahoma College of Medicine | 1995 |
| Dean's Academic Scholarships, University of Colorado | 1992–1994 |
| Sigma Iota Epsilon Honorary Academic Fraternity, University of Colorado | 1992 |

PUBLICATIONS

1. Hsieh P, Ondra S, **Wienecke R**, O'Shaughnessy B, Koski T. A novel approach to sagittal balance restoration following iatrogenic sacral fracture and resulting sacral kyphotic deformity. Technical note. *Journal of Neurosurgery: Spine* 6(4):368–372. 2007
2. Baron E, Bhattacharjee S, **Wienecke R**, Loftus C. Arteriovenous Malformations in Pregnancy, in Stieg P, Batjer H, Samson D (eds.): *Intracranial Arteriovenous Malformations*. New York, Informa Healthcare USA. 2007
3. Snell B, **Wienecke R**, Loftus C. Surgical Treatment of Extracranial Vascular Occlusive Disease, in Lawton M, Gress D, Higashida R (eds.): *Controversies in Neurological Surgery*. New York, Thieme. 2006
4. Snell B, **Wienecke R**, Loftus C. Surgical Management Options to Prevent Ischemic Stroke, in Adams H (ed.): *Handbook of Cerebrovascular Diseases*. New York, Marcel Dekker. 2005
5. **Wienecke R**, Loftus C. A Case of Carotid Artery Reconstruction, in Kobayashi S (ed.): *Neurosurgery of Complex Vascular Lesions and Tumors*. New York, Thieme. 2005
6. Hsieh P, **Wienecke R**, O'Shaughnessy B, Koski T, Ondra S. Surgical strategies for vertebral osteomyelitis and epidural abscess. *Neurosurgical Focus* 17(6):1–6. 2004
7. Cooper P, **Wienecke R**, White B. Spinal Meningiomas, in Batjer H, Loftus C (eds.): *Textbook of Neurological Surgery*. Philadelphia, Lippincott Williams and Wilkins. 2003
8. **Wienecke R**, Loftus C. Cerebellar Hematoma, in Aminoff M, Daroff R (eds.): *Encyclopedia of the Neurological Sciences*. San Diego, Academic Press. 2003
9. **Wienecke R**, Loftus C. Multilevel anterior cervical discectomy and fusion for cervical spondylotic myelopathy, in Fisher W, Paramore C, Wolfla C (eds.): *Seminars in Neurosurgery*. New York, Thieme, March 2003. 2003

PRESENTATIONS

1. **Wienecke R.** Cranial settling in rheumatoid arthritis. Neurosurgery Grand Rounds, June 23, 2000. 2000
2. **Wienecke R.** Cervical Laminoplasty. Neurosurgery Grand Rounds, August 4, 2000. 2000
3. **Wienecke R.** Encephalocele. Neurosurgery Grand Rounds, August 25, 2000. 2000
4. **Wienecke R.** The surgical treatment of Parkinson's disease. Neurosurgery Grand Rounds, November 3, 2000. 2000
5. **Wienecke R.** The surgical management of moyamoya syndrome. Neurosurgery Grand Rounds, May 4, 2001. 2001
6. **Wienecke R,** Snell B, Tompkins P, Stevens A, Loftus C. Changes in energy-related metabolites following middle cerebral artery occlusion in rats. Resident Research Forum, May 25, 2001. 2001
7. **Wienecke R,** Loftus C. Causes of intracerebral haemorrhage in patients under 45: Investigations and management. Sydney, Australia, September 2001. 2001
8. **Wienecke R,** Tompkins P, Stevens A, Loftus C. Extracellular pyruvate and lactate concentrations before and after intraluminal middle cerebral artery occlusion in rat brain. Congress of Neurological Surgeons, September 29, 2001. 2001
9. **Wienecke R,** Snell B, Tompkins P, Stevens A, Loftus C. Changes in energy-related metabolites following focal cerebral ischemia in spontaneously hypertensive rats. Southern Neurosurgical Society Annual Meeting, Savannah, Georgia, March 7, 2002. 2002
10. Francel P, Tompkins P, Phelps J, **Wienecke R.** Treatment of cerebral fluid-percussion injury with indomethacin. Southern Neurosurgical Society Annual Meeting, Savannah, Georgia, March 9, 2002. 2002
11. **Wienecke R.** Extracranial carotid artery reconstruction. Neurosurgery Grand Rounds, October 4, 2002. 2002
12. **Wienecke R.** The early surgical management of myelomeningocele. Neurosurgery Grand Rounds, September 5, 2003. 2003
13. **Wienecke R.** Radiographic assessment of spinal deformity: part 1. Spine Conference, July 15, 2004. 2004
14. **Wienecke R.** Radiographic assessment of spinal deformity: part 2. Spine Conference, July 22, 2004. 2004
15. **Wienecke R.** Scheuermann Disease. Spine Conference, August 24, 2004. 2004
16. **Wienecke R.** Biomechanical basics. Spine Conference, September 2, 2004. 2004
17. **Wienecke R.** Bone grafting. Spine Conference, September 23, 2004. 2004
18. **Wienecke R.** rhBMP-2. Spine Conference, October 7, 2004. 2004
19. **Wienecke R.** Charite prosthetic disc. Spine Conference, October 14, 2004. 2004
20. **Wienecke R.** Intraoperative monitoring for spinal deformity surgery. Spine Conference, November 18, 2004. 2004
21. **Wienecke R.** The surgical management of flat-back deformity. Spine Conference, December 16, 2004. 2004
22. **Wienecke R.** The surgical management of flat-back deformity. Insurance Commission Seminar, April 7, 2005. 2005
23. **Wienecke R.** Posterior Cervical Fusion: New Techniques and Complication Avoidance. Insurance Commission Seminar, April 13, 2006. 2006
24. **Wienecke R.** Kyphoplasty. Association of Perioperative Registered Nurses CME Seminar, May 10, 2007. 2007

25. **Wienecke R.** Spondylolisthesis. Worker's Compensation Seminar, April 23, 2009. 2009

ABSTRACTS

1. **Wienecke R,** Tompkins P, Stevens A, Loftus C. Extracellular pyruvate and lactate concentrations before and after intraluminal middle cerebral artery occlusion in rat brain. Congress of Neurological Surgeons, September 29, 2001. 2001
2. **Wienecke R,** Francel P, Tompkins P. Extracellular hypoxanthine, inosine, and adenosine concentrations before and after a fluid percussion injury in rat brain. AANS/CNS Cerebrovascular Joint Section Meeting, February 3, 2002. 2002
3. **Wienecke R,** Snell B, Tompkins P, Stevens A, Loftus C. Changes in energy-related metabolites following focal cerebral ischemia in spontaneously hypertensive rats. Southern Neurosurgical Society Annual Meeting, Savannah, Georgia, March 7, 2002. 2002
4. Francel P, Tompkins P, Phelps J, **Wienecke R.** Treatment of cerebral fluid-percussion injury with indomethacin. Southern Neurosurgical Society Annual Meeting, Savannah, Georgia, March 9, 2002. 2002
5. Tompkins P, Francel P, Phelps J, **Wienecke R.** Changes in cerebral perfusion and high-energy metabolites in response to fluid percussion injury. National and International Neurotrauma Society Meeting, Tampa, Florida, October 27, 2002. 2002
6. Tompkins P, Phelps J, **Wienecke R,** Francel P. Indomethacin pre-treatment of a cerebral fluid percussion injury. Society for Neuroscience Meeting, Orlando, Florida, November 2, 2002. 2002
7. Tompkins P, **Wienecke R,** Snell B, Stevens A, Loftus C. Analysis of lactate and pyruvate levels by intracerebral microdialysis in spontaneously hypertensive rats in response to focal cerebral ischemia. XXI International Symposium on Cerebral Blood Flow, Metabolism, and Function, Calgary, Canada, June 29, 2003. 2003
8. Tompkins P, **Wienecke R,** Snell B, Stevens A, Loftus C. Evaluation of high energy and metabolic state markers during focal cerebral ischemia. Society for Neuroscience 33rd Annual Meeting, New Orleans, Louisiana, November 8, 2003. 2003

POSTERS

1. **Wienecke R,** Tompkins P, Stevens A, Loftus C. Extracellular pyruvate and lactate concentrations before and after intraluminal middle cerebral artery occlusion in rat brain. Congress of Neurological Surgeons, September 29, 2001. 2001
2. **Wienecke R,** Francel P, Tompkins P. Extracellular hypoxanthine, inosine, and adenosine concentrations before and after a fluid percussion injury in rat brain. AANS/CNS Cerebrovascular Joint Section Meeting, February 3, 2002. 2002
3. Tompkins P, Francel P, Phelps J, **Wienecke R.** Changes in cerebral perfusion and high-energy metabolites in response to fluid percussion injury. National and International Neurotrauma Society Meeting, Tampa, Florida, October 27, 2002. 2002
4. Tompkins P, Phelps J, **Wienecke R,** Francel P. Indomethacin pre-treatment of a cerebral fluid percussion injury. Society for Neuroscience Meeting, Orlando, Florida, November 2, 2002. 2002

5. Tompkins P, **Wienecke R**, Snell B, Stevens A, Loftus C. Analysis of lactate and pyruvate levels by intracerebral microdialysis in spontaneously hypertensive rats in response to focal cerebral ischemia. XXI International Symposium on Cerebral Blood Flow, Metabolism, and Function, Calgary, Canada, June 29, 2003. 2003
6. Tompkins P, **Wienecke R**, Snell B, Stevens A, Loftus C. Evaluation of high energy and metabolic state markers during focal cerebral ischemia. Society for Neuroscience 33rd Annual Meeting, New Orleans, Louisiana, November 8, 2003. 2003
7. **Wienecke R**. A posterolateral approach for thoracolumbar anterior column failure: a review of six consecutive cases. International Meeting on Advanced Spinal Techniques Annual Meeting, Hong Kong, China, July 8, 2008. 2008