

Wouter I. Schievink, MD

Director, Microvascular Neurosurgery Program

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Education:

University of Amsterdam Medical School Amsterdam, the Netherlands Medical Degree	1989
Post-Graduate Training:	
Mayo Clinic, Rochester, MN Internship, General Surgery	1990 – 1991
Mayo Clinic, Rochester, MN Residency, Neurological Surgery	1991 – 1997
Barrow Neurological Institute, Phoenix, AZ Clinical Fellowship, Neurovascular Surgery	1997 – 1998
Academic Appointments:	
Assistant Professor of Neurological Surgery Department of Neurological Surgery UCI Medical Center Irvine, California	1998 - 2000
Administrative Appointments:	
Professor of Neurosurgery Director, Microvascular Neurosurgery Program Department of Neurosurgery The Maxine Dunitz Neurosurgical Institute Cedars-Sinai Medical Center Los Angeles, California	1998 – Present

Revised on 07/28/09 **MEDICAL LICENSURE** Diplomat, American Board of Neurological Surgery 2002 - Present (License number 65208) California 1998 – Present Arizona (License number 24857) 1997 - 1998 (License number 35890) 1992 - 1997 Minnesota (License number 60619) 1991 - 1992 Florida The Netherlands 1989 - Present **Professional Societies and Memberships:** American Association for the Advancement of Science 1998 – Present American Association of Neurological Surgeons 1998 - Present American Board of Neurological Surgery 1998 – Present American Heart Association 1998 – Present American Medical Association 1998 – Present Congress of Neurological Surgeons 1998 - Present **Honors and Awards:** Cum Laude, University of Amsterdam Medical School 1982 - 1986 **Hippocrates Foundation Award** 1989 America's Top Doctors 2005 – Present **Committee Memberships** Residency Education Committee, Mayo Clinic, Rochester, MN 1995 - 1997

Clinical Practice Interests

General neurosurgery, particularly vascular surgery

Research Interests

Clinical: Genetic, etiologic, and epidemiologic aspects of intracranial aneurysms and cervicocephalic arterial dissections. Spontaneous spinal cerebrospinal fluid leaks and intracranial hypotension.

Laboratory: Extracellular matrix proteins in intracranial aneurysms and cervicocephalic arterial dissections. Models of intracranial aneurysm.

Certificate and Licensure:

The Netherlands Medical License	1989
Florida State Medical License	1991
Minnesota State Medical License	1992
Arizona State Medical License	1997
California State Medical License	1998 – Present
Diplomat, American Board of Neurological Surgery	2002 - Present

Revised on 07/28/09 <u>Other Services:</u> Microtherapeutics, Inc., Onyx Aneurysm Study Fast-Mag Trial Neurosurgery Executive Committee, UCLA	2003 2004 - 2007
University and Hospital Committees:	
Residency Education Committee Mayo Clinic	1995 - 1997
Stroke Committee Cedars-Sinai Medical Center	2001 – Present
Editorial Boards:	
Topic Editor: Neurosurgical Focus	2000
Frontiers in Bioscience	1995 – Present

Ad Hoc Manuscript Reviewer:

Annals of Neurology BMC Neurolog Cephalalgia Croatian Medical Journal European Journal of Neurology Headache Journal of Headache and Face Pain Journal of Neurology Journal of Neurology, Neurosurgery and Psychiatry Journal of Neurosurgery Lancet Mayo Clinic Proceeding . Neurology Neurology India Neurosurgery New England Journal of Medicine Stroke

- 1. **Dissecting aneurysms.** <u>Amsterdam Neurologic Society.</u> Amsterdam, the Netherlands, February 1990.
- 2. **Recurrence of arterial dissection in patients with spontaneous extracranial carotid and vertebral artery dissections**. <u>116th Annual Meeting of the American</u> <u>Neurological Association</u>. Seattle, Washington, September 1991.
- 3. **Rupture of small intact asymptomatic intracranial aneurysms.** <u>41st Annual</u> <u>Meeting of the Congress of Neurological Surgeons</u>. Orlando, FL, October 1991.
- 4. **Oculomotor palsies associated with spontaneous cervical internal carotid artery dissection.** <u>18th International Joint Conference on Stroke and Cerebral</u> <u>Circulation.</u> Miami Beach, FL, February 1993.
- 5. **Laparoscopic ventriculoperitoneal shunt placement**. <u>61st Annual Meeting of the</u> <u>American Association of Neurological Surgeons</u>. Boston, MA, April 1993.
- Pediatric cervicocephalic arterial dissections. <u>19th International Joint</u> <u>Conference on Stroke and Cerebral Circulation.</u> San Diego, California, February 1994.
- Natural history of extracranial internal carotid artery aneurysms caused by dissection. <u>62nd Annual Meeting of the American Association of Neurological</u> <u>Surgeons.</u> San Diego, CA, April 1994.
- Surgical treatment of extracranial internal carotid artery aneurysms of dissection. <u>44th Annual Meeting of the Congress of Neurological Surgeons</u>. Chicago, IL, October 1994.
- 9. **Sudden death from aneurysmal subarachnoid hemorrhage**. <u>20th International Joint Conference on Stroke and Cerebral Circulation.</u> Charleston, SC, February 1995.
- 10. **Familial aneurysmal subarachnoid hemorrhage: a community-based study.** <u>63rd Annual Meeting of the American Association of Neurological Surgeons.</u> Orlando, FL, April 1995.
- 11. **Intracranial cysts in autosomal dominant polycystic kidney disease.** <u>45th</u> <u>Annual Meeting of the Congress of Neurological Surgeons.</u> San Francisco, CA, October 1995.
- 12. **Spontaneous spinal cerebrospinal fluid leaks and intracranial hypotension.** <u>45th Annual Meeting of the Congress of Neurological Surgeons.</u> San Francisco, CA, October 1995.
- 13. **1-Antitrypsin phenotypes among patients with intracranial aneurysms**. <u>21st</u> <u>International Joint Conference on Stroke and Cerebral Circulation</u>. San Antonio, TX, January 1996.
- 14. **Genetics of cerebral aneurysms.** <u>21st International Joint Conference on Stroke</u> <u>and Cerebral Circulation.</u> San Antonio, TX, January 1996.

- 15. **Intracranial aneurysms and cervicocephalic arterial dissections associated with congenital heart disease.** <u>64th Annual Meeting of the American Association of</u> <u>Neurological Surgeons.</u> Minneapolis, MN, April 1996.
- 16. **Cervical artery dissections associated with chiropractic manipulation of the neck: the importance of preexisting arterial disease and injury.** <u>6th Meeting of</u> <u>the European Neurological Society.</u> The Hague, the Netherlands, June 1996.
- 17. **Intracranial aneurysms in Marfan syndrome.** <u>46th Annual Meeting of the</u> <u>Congress of Neurological Surgeons.</u> Montreal, Quebec, Canada, October 1996.
- 18. **Familial intracranial aneurysms. An autopsy study.** <u>22nd International Joint</u> <u>Conference on Stroke and Cerebral Circulation.</u> Anaheim, CA, February 1997.
- 19. **Familial intracranial aneurysms. An autopsy study.** <u>65th Annual Meeting of the American Association of Neurological Surgeons.</u> Denver, CO, April 1997.
- Surgical treatment of spontaneous spinal cerebrospinal fluid leaks. <u>47th</u> <u>Annual Meeting of the Congress of Neurological Surgeons.</u> New Orleans, LA, October 1997.
- 20. A syndrome of spontaneous spinal cerebrospinal fluid leaks and skeletal features of Marfan syndrome. <u>123rd Annual Meeting of the American Neurological Association.</u> Montreal, Canada, October 1998.
- 21. **Neuroimaging in Pretruncal Nonaneurysmal Subarachnoid Hemorrhage.** <u>The</u> <u>Joint Section on Cerebrovascular Surgery of AANS and CNS and the American</u> <u>Society of Interventional and Therapeutic Neuroradiology.</u> Nashville, TN, February 1999.
- 22. **Neurovascular surgery in ehlers-danlos syndrome type IV.** <u>46th Annual</u> <u>Meeting of the Western Neurosurgical Society Jointly sponsored by the American</u> <u>Association of Neurological Surgeons.</u> Mauna Lani Bay, Kohala Coast, HI, September 2000.
- 23. **Neurovascular Surgery in Ehlers-Danlos Syndrome Type IV.** <u>2000 Congress of</u> <u>Neurological Surgeons Annual Meeting.</u> Houston, TX, September 2000.
- 24. Racial Disparities in Subarachnoid Hemorrhage Mortality: Los Angeles, CA, 1985-1998. <u>Cerebrovascular Disease Meeting.</u> Los Angeles, CA, February 2001.
- 25. **Racial Disparities in Subarachnoid Hemorrhage Mortality: Los Angeles, CA, 1985-1998.** 2001 Annual Meeting of the American Association of Neurological <u>Surgeons.</u> Los Angeles, CA, April 2001.
- 26. **Spontaneous Intracranial Hypotension Mimicking Subarachnoid Hemorrhage.** 2001 Annual Meeting of the American Association of Neurological Surgeons. Toronto, Canada, April 2001.
- 27. **Optimal Approach to Urgent Vascular Conditions.** <u>American College of</u> <u>Cardiology, 51st Annual Scientific Session.</u> Atlanta, GA, March 2002.

- 28. **Carotid and Vertebral Dissection--Medical and Surgical Management.** <u>American Academy of Neurology, 54th Annual Meeting.</u> Denver, CO, April 2002.
- 29. **Management of Spontaneous Spinal CSF Fistula.** <u>Weekly Spine Conference,</u> <u>Cedars-Sinai Medical Center MGB 800</u>, Los Angeles, CA, August 2003.
- 30. Stroke in the Young: Treating dissection Surgery versus stenting versus medical management. Approaching the aneurysm--clip or coil? Using the new data: A Surgeons approach. 2nd Annual Update on Stroke. Beverly Hills, CA, September 2003.
- 31. **Treatment of spontaneous intracranial hypotension with percutaneous placement of fibrin sealant.** <u>WNRS Western Neuroradiological Society--35th Annual</u> <u>Meeting.</u> Kohala Coast, HI, October 2003.
- 32. **Spontaneous intracranial hypotension.** <u>Neurology Grand Rounds, Cedars-Sinai</u> <u>Medical Center.</u> Los Angeles, CA, March 2004.
- 33. **Treatment of spontaneous intracranial hypotension with percutaneous placement of fibrin sealant.** <u>American Association of Neurological Surgery.</u> Orlando, FL, May 2004.
- 34. **How surgery can help bleeding in the brain.** <u>CNS Moscone West.</u> San Francisco, CA, October, 2004.
- 35. **Curing with Steel and Titanium.** Update on Neurosurgical Treatment of Stroke in 2005. San Diego, CA, February 2005.
- 36. **The spectrum of subdural fluid collections in spontaneous intracranial Hypotension.** <u>Congress of Neurological Surgeons.</u> Boston, MA, October 2005.
- 37. **Natural history of aneurysms.** <u>Fourth Annual ASITN Practicum</u>, San Diego, CA, May 2006.
- 38. **Bicuspid aortic valve, brain aneurysms, and dissections.** <u>Bicuspid Aortic Foundation</u>, Marina del Rey, CA, September 2006.
- 39. **Thunderclap headache.** <u>Department of Neurosurgery Lecture Series</u>, Los Angeles, CA September 2006.
- 40. A grading system for spontaneous spinal cerebrospinal fluid leaks and intracranial hypotension. <u>Congress of Neurological Surgeons</u>. Chicago, IL, October 2006.
- 41. **Intracranial aneurysms and subarachnoid hemorrhage.** Department of <u>Neurosurgery Resident Lecture</u>, Los Angeles, CA, April 2007.
- 42. **Spontaneous spinal cerebrospinal fluid leak.** <u>Emergency Department Grand</u> <u>Round</u>, Los Angeles, CA, May 2007.
- 43. **Bicuspid aortic valve, brain aneurysms, and dissections.** <u>Bicuspid Aortic</u> <u>Foundation</u>, Marina del Rey, CA, September 2007

- 44. **Cavernous Malformations.** <u>Resident Lecture Series</u>, Department of Neurosurgery, Cedars-Sinai Medical Center, Los Angeles, CA, October 2007.
- 45. Screening for intracranial aneurysms in patients with bicuspid aortic aneurysms aortic valve. International Stroke Conference, New Orleans, Louisiana, February 2008.
- 46. **Surgical management of cervical artery dissections.** <u>American Academy of</u> <u>Neurology – 60th Anniversary</u>, Chicago, IL, April 2008.
- 47. **Neurosurgery Grand Round, Department of Neurosurgery**, Cedars-Sinai Medical Center, Los Angeles, CA, May 2008
- 48. **Marfan Syndrome and Spontaneous spinal CSF leaks.** <u>Northern Marfan</u> <u>Foundation</u>, Rocklin, CA, May 2008.
- 49. Clinical Crossfire Tension-Type Headache and the Continental Divide: CSF Leaks and Intractable Headache: Medical and Surgical Treatment. <u>American</u> <u>Headache Society</u>, Boston, MA, June 2008.
- 50. **Cerebral Venous Thrombosis in Spontaneous Intracranial Hypotension.** <u>Congress of Neurological Surgeons, 2008 Annual Meeting</u>, Orlando, FL, September 2008.
- 51. **Controversial Neurovascular Disease Pathologies.** <u>Symposium on</u> <u>Neurovascular Disease 2009</u>. Santa Monica, CA, January 2009.
- 52. **Carotid Dissections: Diagnosis and Management.** <u>Symposium on Neurovascular</u> <u>Disease 2009.</u> Marina del Rey, CA, February 2009
- 53. **Surgical Treatment of Cerebrovascular Occlusive Disease.** <u>Symposium on</u> <u>Neurovascular Disease 2009.</u> Marina del Rey, CA, February 2009
- 54. **Treatment of Intracranial Hypotension.** <u>Neurosciences Symposium 2009</u>. Marina del Rey, CA, February 2009.
- 55. **Moyamoya Disease Associated with Congenital Dwarfing**. <u>AANS, 2009 Annual</u> <u>Meeting</u>, San Diego, CA, May 2009.
- 56. Ehlers-Danlos Syndrome Type IV, The Vascular Type: Dramatic, Deceptive and Deadly. <u>General Surgery Grand Round 2009</u>. Los Angeles, CA, June 2009
- 57. Ehlers-Danlos Syndrome Type IV, The Vascular Type: Dramatic, Deceptive and Deadly. <u>Medical Genetics Seminar 2009</u>. Los Angeles, CA, June 2009
- 58. **Schievink WI:** Subarachnoid hemorrhage and Vasospams. <u>Resident's Didactic</u> Day. Los Angeles, CA, July 2009

- 1. **Schievink WI**, Hageman LM, Velis DN, van der Werf DJM, Hardeman MR, Goedhart PT: Relationship between blood viscosity and cerebral ischemia after surgical treatment of ruptured intracranial aneurysms. <u>Surg Neurol.</u> 27:537-542, 1987.
- Schievink WI, van der Werf, DJM, Hageman LM, Dreissen JJR: Referral pattern of patients with aneurysmal subarachnoid hemorrhage. <u>Surg Neurol.</u> 29:367-371, 1988.
- 3. **Schievink WI**, de Waal LP, Hageman LM, van der Werf AJM: Intracranial aneurysms and HLA-DR2. <u>J Neurol Neurosurg Psychiatry</u>. 51:883, 1988.
- 4. **Schievink WI**, Luyendijk W, Los JA: Does the artery of Adamkiewicz exist in the albino rat? <u>J Anat</u> 161:95-101, 1988.
- 5. Austin GM, **Schievink WI**, Williams R: Controlled pressure-volume factors in the enlargement of intracranial aneurysms. <u>Neurosurgery</u> 24:722-730, 1989.
- Schievink WI, Limburg M: Angiographic abnormalities mimicking fibromuscular dysplasia in a patient with Ehlers-Danlos syndrome, type IV. <u>Neurosurgery</u> 25:722-730, 1989.
- 7. **Schievink WI**, Karemaker JM, Hageman LM, van der Werf DJM: Circumstances surrounding aneurysmal subarachnoid hemorrhage. <u>Surg Neurol.</u> 32:266-272, 1989.
- 8. **Schievink WI**, Limburg M, Oorthuys JWE, Fleury P, Pope FM: Cerebrovascular disease in Ehlers-Danlos syndrome type IV. <u>Stroke</u> 21:626-632, 1990.
- Schievink WI, Limburg M: Dissectie van cervical arteriën als oorzaak van hersenischemie of uitval van hersenzenuwen. <u>Ned Tijdscher Geneeskd.</u> 134:1843-1848, 1990.
- 10. **Schievink WI**, Piepgras DG, Earnest F IV, Gordon H: Spontaneous carotidcavernous fistulae in Ehlers-Danlos syndrome Type IV. A case report. <u>J Neurosurg.</u> 74:881-889, 1991.
- 11. **Schievink WI**, Limburg M, Dreissen JJR, Peeters FLM, ter Berg HWM: Screening for unruptured familial intracranial aneurysms: Subarachnoid hemorrhage two years after angiography negative for aneurysms. <u>Neurosurgery</u> 29:434-438, 1991.
- 12. **Schievink WI**, Piepgras DG: Cervical vertebral artery aneurysms and arteriovenous fistulae in neurofibromatosis type I: Case reports. <u>Neurosurgery</u> 29:760-765, 1991.
- 13. **Schievink WI**, Mokri B, Michels VV, Piepgras DG: Familial association of intracranial aneurysms and cervical artery dissections. <u>Stroke</u> 22:1426-1430, 1991.
- 14. **Schievink WI**, Mokri B, Piepgras DG: Angiographic frequency of saccular intracranial aneurysms in spontaneous cervical artery dissection. J Neurosurg 76:62-66, 1992.
- 15. Mokri B, **Schievink WI**, Olsen KD, Piepgras DG: Spontaneous dissection of the cervical internal carotid artery. Presentation with lower cranial nerve palsies. <u>Arch Otolaryngol Head Neck Surg.</u> 118:431-435, 1992.

- 16. **Schievink WI**, Piepgras DG, Wirth FP: Rupture of previously documented small asymptomatic intracranial aneurysms. Three case reports. <u>J Neurosurg</u>. 76:1019-1024, 1992.
- 17. **Schievink WI**, Torres VE, Piepgras DG, Wiebers DO: Saccular intracranial aneurysms in autosomal dominant polycystic kidney disease. J Am Soc Nephrol. 3:88-95, 1992.
- 18. ter Berg HWM, Dippel DWJ, Lumburg M, **Schievink WI**, van Gijn J: Familial intracranial aneurysms. A review. <u>Stroke</u> 23:1024-1030, 1992.
- 19. **Schievink WI**, Mokri B, Garrity JA, Nichols DA, Piepgras DG: Ocular motor nerve palsies in spontaneous dissections of the cervical internal carotid artery. <u>Neurology</u> 43:1938-1941, 1993.
- 20. **Schievink WI**, Wharen RE Jr., Reimer R, Pettit PDM, Seiler JC, Shine TSJ: Laparoscopic placement of ventriculoperitoneal shunts. Preliminary report. <u>Mayo Clin</u> <u>Proc.</u> 68:1064-1066, 1993.
- 21. Kuivaniemi H, Prockop DJ, Wu Y, Madhatheri SL, Kleinert C, Early JJ, Jokinen A, Stolle C, Majamaa K, Myllyia VV, Norrgard O, Schievink WI, Mokri B, Fukawa O, ter Berg HWM, de Paepe a, Lozano AM, Leblandc R, Ryynanen M, Baxter BT, Shikata H, Gerrell RE, Tromp G: Exclusion of mutations in the gene for type III collagen (COL3A1) as a common cause of intracranial aneurysms or cervical artery dissections by sequence analysis of the coding sequences of type III collagen from 55 unrelated patients. <u>Neurology</u> 43:2652-2658, 1993.
- 22. **Schievink WI**, Mokri B, Whisnant JP: Internal carotid artery dissection in a community. (Rochester, Minnesota, 1987-1992.) <u>Stroke</u> 24:1678-1680, 1993.
- 23. Jackson IT, Potparic Z, Fasching M, **Schievink WI**, Tidstrom K, Hussain K: Penetration of the skull base by dissecting keratocyst. <u>J Cranio-Maxillo-Fac Surg</u> 21:319-325, 1993.
- 24. **Schievink WI**, Mokri B, O'Fallon WM: Recurrent spontaneous cervical-artery dissection. <u>N Engl J Med.</u> 330:393-397, 1994.
- 25. **Schievink WI**, Prakash UBS, Piepgras DG, Mokri B: a₁-Antitrypsin deficiency in intracranial aneurysms and cervical artery dissection. <u>Lancet</u> 343:452-453, 1994.
- 26. **Schievink WI**, Michels VV, Piepgras DG: Neurovascular manifestations of heritable connective tissue disorders. A review. <u>Stroke</u> 25:889-903, 1994.
- Schievink WI, Reimer R, Folger WN: Surgical treatment of spontaneous intracranial hypotension associated with a spinal arachnoid diverticulum. Case report. <u>J</u> <u>Neurosurg</u> 80:736-739, 1994.
- 28. **Schievink WI**, van Dooren BT, Piepgras DG: Cerebral lupus erythematosus. <u>Lancet</u> 343:1103-1104, 1994.
- 29. **Schievink WI**, Wijdicks EFM, Piepgras DG, Nichols DA, Ebersold MJ: Perimesencephalic subarachnoid hemorrhage. Additional perspectives from four cases. <u>Stroke</u> 25:1507-1511, 1994.

- 30. **Schievink WI**, Mokri B, Piepgras DG: Spontaneous dissections of cervicocephalic arteries in childhood and adolescence. <u>Neurology</u> 44:1607-1612, 1994.
- 31. **Schievink WI**, Schaid DJ, Rogers HM, Piepgras DG, Michels VV: On the inheritance of intracranial aneuysms. <u>Stroke</u> 25:2028-2037, 1994.
- 32. **Schievink WI**, Piepgras DG, McCaffrey TV, Mokri B: Surgical treatment of extracranial internal carotid artery dissecting aneurysms. <u>Neurosurgery</u> 35:809-815, 1994.
- 33. **Schievink WI**, Bjornsson J, Parisi JE, Prakash UBS: Arterial fibromuscular dysplasia associated with severe a₁-antitrypsin deficiency. <u>Mayo Clin Proc.</u> 69:1040-1043, 1994.
- 34. **Schievink WI**, Bjornsson J, Piepgras DG: Coexistence of fibromuscular dysplasia and cystic medial necrosis in a patient with Marfan's syndrome and bilateral carotid artery dissections. <u>Stroke</u> 25:2492-2496, 1994.
- 35. **Schievink WI**, Michels VV, Mokri B, Piepgras DG, Perry HO: A familial syndrome of arterial dissections with lentiginosis. <u>N Engl J Med.</u> 332:576-579, 1995.
- 36. **Schievink WI**, Wijdicks EFM, Piepgras DG, Chu C-P, O'Fallon WM, Whisnant JP: The poor prognosis of ruptured intracranial aneurysms of the posterior circulation. <u>J</u> <u>Neurosurg.</u> 82:791-795, 1995.
- 37. **Schievink WI**, Wijdicks EFM, Meyer FB, Piepgras DG, Fode NC, Whisnant JP: Seasons, snow, and subarachnoid hemorrhage. Lack of association in Rochester, Minnesota. <u>J Neurosurg.</u> 82:912-913, 1995.
- 38. **Schievink WI**, Wijdicks EFM, Parisi JE, Piepgras DG, Whisnant JP: Sudden death from aneurysmal subarachnoid hemorrhage. <u>Neurology</u> 45:871-874, 1995.
- 39. Silbert PL, Mokri B, **Schievink WI**: Headache and neck pain in spontaneous internal carotid and vertebral artery dissections. Neurology 45:1517-1522, 1995.
- 40. **Schievink WI**, Schaid DJ, Michels VV, Piepgras DG: Familial aneurysmal subarachnoid hemorrhage: a community-based study. <u>J Neurosurg.</u> 83:426-429, 1995.
- 41. **Schievink WI**, Piepgras DG, Nichols DA: Spontaneous carotid-jugular fistula and carotid dissection in a patient with multiple intracranial arachnoid cysts and hemifacial atrophy: A generalized connective tissue disorder? Case report. <u>J</u><u>Neurosurg.</u> 83:546-549, 1995.
- 42. **Schievink WI**, Mokri B: Familial aorto-cervicocephalic arterial dissections and congenitally bicuspid aortic valve. <u>Stroke</u> 26:1935-1940, 1995.
- 43. **Schievink WI**, Huston J III, Torres VE, Marsh WR: Intracranial cysts in autosomal dominant polycystic kidney disease. <u>J Neurosurg</u> 83:1004-1007, 1995.
- 44. **Schievink WI**, Bjornsson J: Fibromuscular dysplasia of the internal carotid artery: a clinicopathological study. <u>Clin Neuropath.</u> 15:2-6, 1996.

- 45. **Schievink WI**, Schaid DJ: The prognosis of familial versus nonfamilial aneurysmal subarachnoid hemorrhage. <u>Stroke</u> 27:340-341, 1996.
- 46. Mokri B, Silbert PL, **Schievink WI**, Piepgras DG: Cranial nerve palsies in spontaneous dissection of the extracranial internal carotid artery. <u>Neurology</u> 46:356-359, 1996.
- 47. **Schievink WI**, Meyer FB, Atkinson JLD, Mokri B: Spontaneous spinal cerebrospinal fluid leaks and intracranial hypotension. <u>J Neurosurg.</u> 84:598-604, 1996.
- 48. **Schievink WI**, Mokri B, Piepgras DG, Kuiper JD: Recurrent spontaneous arterial dissections. The risk in familial versus nonfamilial disease. <u>Stroke</u> 27:622-624, 1996.
- 49. **Schievink WI**, Katzmann JA, Piepgras DG, Schaid DJ: Alpha-1-antitrypsin phenotypes among patients with intracranial aneurysms. <u>J Neurosurg</u> 84:781-784, 1996.
- 50. **Schievink WI**, Ebersold MJ, Atkinson JLD: Roller-coaster headache due to spinal cerebrospinal fluid leak. <u>Lancet</u> 347:1409, 1996.
- 51. **Schievink WI**, Atkinson JLD, Mettinger JF: Progressive intracranial aneurysmal disease in a patient with progressive hemifacial atrophy (Parry-Romberg disease): Case report. <u>Neurosurgery</u> 38:1237-1241, 1996.
- 52. **Schievink WI**, Hunter SF, Marsh WR, Aksamit AJ, Jack CR: Traumatic occlusion of one limb of an intracranial arterial fenestration: An uncommon cause of stroke. <u>Neurology</u> 47:277-278, 1996.
- 53. **Schievink WI**, Puumala MR, Meyer FB, Raffel C, Katzmann JA, Parisi JE: Giant intracranial aneurysm and fibromuscular dysplasia in an adolescent with a₁-antitrypsin deficiency. Case report. <u>J Neurosurg.</u> 85:503-506, 1996.
- 54. **Schievink WI**, Mokri B, Piepgras DG, Gittenberger-de Groot AC: Intracranial aneurysms and cervicocephalic arterial dissections associated with congenital heart disease.<u>Neurosurgery</u> 39:685-689, 1996.
- 55. Huston J III, Torres VE, Wiebers DO, **Schievink WI**: Follow-up of intracranial aneurysms in autosomal dominant kidney disease by magnetic resonance angiography. J Am Soc Nephrol. 7:2135-2141, 1996.
- 56. Schievink WI: Intracranial aneurysms. <u>N Engl J Med.</u> 336:28-40, 1997.
- 57. **Schievink WI**: Genetics of intracranial aneurysms. <u>Neurosurgery</u> 40:651-663, 1997.
- 58. **Schievink WI**, Torres VE: Spinal meningeal diverticula in autosomal dominant polycystic kidney disease. <u>Lancet</u> 349:1223-1224, 1997.
- 59. Schievink WI: A surgeon with a nasty taste in his mouth. Lancet 350:260, 1997.
- 60. Wijdicks EFM, **Schievink WI**, Burnett JC Jr.: The natriuretic peptide system and endothelin in aneurysmal subarachnoid hemorrhage. <u>J Neurosurg.</u> 87:275-280, 1997.

- 61. **Schievink WI**, Torres VE, Wiebers DO, Huston J III: Intracranial arterial dolichoectasia in autosomal dominant polycystic kidney disease. J Am Soc. Nephrol 8:1298-1303, 1997.
- 62. Wijdicks EFM, **Schievink WI**: Perimesencephalic nonaneurysmal subarachnoid hemorrhage: First hint of a cause? <u>Neurology</u> 49:634-636, 1997.
- 63. Wijdicks EFM, **Schievink WI**, McGough PF: Dramatic reversal of the uncal syndrome and brain edema from middle cerebral artery territory infarction. <u>Cerebrovasc Dis.</u> 7:349-352, 1997.
- 64. **Schievink WI**, Parisi JE, Piepgras DG, Michels VV: Intracranial aneurysms in Marfan's syndrome. An autopsy study. <u>Neurosurgery</u> 41:866-870, 1997.
- 65. **Schievink WI**, Mokri B: Aortic dissection decades following carotid artery dissection. Report of two cases. <u>Angiology</u> 48:985-988, 1997.
- 66. **Schievink WI**, Parisi JE, Piepgras DG: Familial intracranial aneurysms. An autopsy study. <u>Neurosurgery</u> 41:1247-1251, 1997.
- 67. **Schievink WI**, Wijdicks EFM: Pretruncal subarachnoid hemorrhage. An anatomically correct description of the perimesencephalic hemorrhage. <u>Stroke</u> 28:2572, 1997.
- 68. **Schievink WI**, Katzmann JA, Piepgras DG: Alpha-1-antitrypsin deficiency in spontaneous intracranial arterial dissections. <u>Cerebrovasc Dis.</u> 8:42-44, 1998.
- 69. **Schievink WI**, Morreale, VM, Atkinson JLD, Meyer FB, Piepgras DG, Ebersold MJ: Surgical treatment of spontaneous spinal cerebrospinal fluid leaks. <u>J Neurosurg.</u> 88:243-246, 1998.
- 70. **Schievink WI**, Atkinson JLD, Bartleson JD, Whisnant JP: Traumatic internal carotid artery dissections due to blunt softball injuries. <u>Am J Emerg Med.</u> 16:179-182, 1998.
- 71. **Schievink WI**, McDougall CG, Spetzler RF: Headache in autosomal dominant polycystic kidney disease due to spontaneous vertebral artery dissection. <u>BNI</u> <u>Quarterly</u> 14:9-11, 1998.
- 72. **Schievink WI**, Wijdicks EFM, Michels VV, Vockley J, Godfrey M: Heritable connective tissue disorders in cervical artery dissections: A prospective study. <u>Neurology</u> 50:1166-1169, 1998.
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