

Scott C. Robertson M.D. FACS, FAANS

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- Summary** I am Board Certified physician in Neurological Surgery. I have over 19 years of experience in general neurosurgery with an emphasis on spine surgery. I have been actively teaching and training young neurosurgeons for over 17 years and enjoy clinical research and product development.
- Undergraduate** 08/1981 – 05/1986
B.S. University of Iowa (5/15/86)
Iowa City, IA
- 1/1985-12/1985
Flinders University (Study Abroad)
Adelaide, South Australia
- Doctoral** 08/1988 – 05/1992
M.D. University of Iowa, College of Medicine (5/15/92)
Iowa City, IA
- Postdoctoral** 07/1992 – 06/1998
Neurosurgical Resident University of Iowa Hospital and Clinics (6/30/98)
Iowa City, IA
- Military Service** 11/1996 -05/2006
Navy Reserve Lt. Commander – resigned with honorable discharge
- Professional Experience** 06/1986 – 08/1988
Research Assistant – Neurology Dept. Univ. of Iowa, Iowa City, Iowa
- 08/1998 – 01/2015
Private Practice Neurosurgeon – Oklahoma City, Oklahoma
- 01/2015 - 06/2017
Cleveland Clinic Florida – Weston , Florida
- 07/2017- 11/1/2017
Alliance Spine &Joint – Hallandale, Florida
- Certifications and Licenses** 2001 - present ▪ Board Certified #21054 - American Board of Neurological Surgeons (Issued 6/1/2001, renewed 1/1/12, expires 12/31/2021)
1999 - 2003 ▪ Advanced Trauma Life Support
1995 - present ▪ Iowa Medical License #30419 (Issued 2/24/95)
1998 - present ▪ Oklahoma Medical License #20580 (Issued 3/2/98)
2005 - present ▪ Texas Medical License #M2775 (Issued 11/30/05)
2011 - present ▪ Colorado Medical License #50625 (Issued 4/30/11)
2011 - present ▪ California Medical License # C 54674 (Issued 5/4/11)
2011 - present ▪ Florida Medical License #ME 111078 (Issued 9/9/11)
2014 - present ▪ Illinois Medical License #036134679 (Issued 4/20/14)
2017 – present * Arizona Medical License #53923 (Issued 12/7/2017)
2017- present * Indiana Medical License #01079647A (Issued 12/27/2017)
1991 ▪ Flex I & II (12/3/91)

Presentations

- Iowa-Midwest Neurosurgical Society - "Etiology of Aphasia: Localized Differences With Respect to Aphasia Types" May, 1992
- Iowa-Midwest Neurosurgical Society - "Idiopathic Epidural Lipomatosis" September, 1995
- Joint Section of Cerebrovascular Surgery - "Surgical Management of Multilobar Infarctions" January, 1996
- American Association of Neuroscience Nurses - "Cerebral blood flow, subarachnoid hemorrhage, and cerebral aneurysms" August, 1996
- The American Academy of Neurological Surgeons - "The role of neuronal NO in collateral and normal rCBF" - Loftus CM, Robertson SC, Scientific Manuscripts
- American College of Surgeons - "Effects of serotonin (5-HT) and selective 5-HT receptor antagonists on regional cerebral blood flow after middle cerebral artery occlusion" - Surgical Forum 47 April, 1996
- Iowa-Midwest Neurosurgical Society - "The role of neuronal nitric oxide in the regulation of regional cerebral blood flow" October, 1996
- Iowa-Midwest Neurosurgical Society - "Surgical management of multilobar infarction" October, 1996
- Society for Neuroscience - "Effects of NMDA receptor activation on collateral cerebral blood flow" November, 1996
- Joint Section on Disorders of the Spine and Peripheral Nerves - "Occipital Calvarial Bone Grafts In Posterior Occipitocervical Fusion" February, 1997
- American Association of Neuroscience Nurses - "Brain Dissection" March, 1997
- Iowa-Midwest Neurosurgical Society - "Occipital Calvarial Bone Grafts In Posterior Occipitocervical Fusion" April, 1997
- American Association of Neuroscience Nurses - "Cerebral Blood Flow and Metabolism" May, 1997
- Congress of Neurological Surgeons Annual Meeting - "Effects of etomidate administration on cerebral collateral blood flow" October, 1997
- AACNS- WFNS Interim Meeting, Nagoya, Japan - "Management of Head Trauma" November, 2007
- International Neurosurgery Congress, Hannover, Germany - "Comparative Study of Osteoinductive Versus Osteoconductive Agents in Anterior Lumbar Fusions" July, 2010
- X-Spine Symposium, Las Vegas, Nevada - "Facet Screw Fixation" September, 2010
- WFNS International Symposium, Malaga, Spain - "Facet Screw Stabilization" October, 2010
- 34th Congress of Latin American Neurosurgeons, El Salvador - "Education in Developing Countries" October, 2010
- East African Congress of Neurological Surgeons/ WFNS Training Course - "Surgical Management of Lumbar Fractures/ Surgical Management of Cervical Spondylosis and Myelopathy" - Nairobi, Kenya January, 2011
- Oklahoma Osteopathic Association 2011 Winter Seminar, Tulsa, OK., "Neurosurgery: Spinal Disc Replacement & Other New Technologies" January, 2011
- WFNS Interim Meeting, Recife, Brazil. "Surgical management of recurrent carpal tunnel syndrome" September, 2011
- WFNS Interim Meeting, Recife, Brazil. "Classification of Cervical Fractures" September, 2011
- WFNS Educational Course, Yangon, Myanmar December, 2011
- X-Spine Symposium, Las Vegas, Nevada. "Facet Screw Fixation" July, 2012
- WFNS Educational Course/ Spine workshop, Addis Ababa, Ethiopia July, 2012
- WFNS Educational Course/ Spine workshop, Bhubaneswar, India November, 2012
- WFNS Educational Course/ Spine workshop, Dhaka, Bangladesh November, 2012
- WFNS Educational Course/ Spine workshop, Phnom-Penh, Cambodia January, 2013
- WFNS Educational Course/ Spine workshop, Jakarta, Indonesia January, 2013
- WFNS Educational Course/ Spine workshop, Santiago, Chile April, 2013
- WFNS Educational Course/ Spine workshop, Novosibirsk, Russia June, 2013
- WFNS Educational Course/ Spine workshop. 15th Congress of the Academy of Brazilian Neurosurgery, Belem, Brazil July, 2013
- WFNS Educational Course/ Spine workshop, Dar El- Salaam, Tanzania August, 2013
- WFNS World Congress Speaker/ Moderator, Seoul, Korea September, 2013
- AACNS Educational Course. Manila, Philippines December, 2013
- WFNS Symposium. Lisbon, Portugal May, 2014
- WFNS Educational Course/ Spine workshop. Harare, Zimbabwe July 2014
- WFNS Educational Course, Cluj, Romania July, 2014
- WFNS Symposium, Taipei, Taiwan March, 2015
- Cleveland Clinic Symposium, San Salvador, El Salvador May, 2015
- WFNS Interim World Congress Speaker/ Moderator, Rome, Italy September, 2015
- WFNS Educational Meeting, Honduras March, 2016
- International Neurosurgical Symposium, Tehran, Iran April, 2016
- Educational Course/ Spine workshop. Ondangwa, Namibia June, 2016
- WFNS Spine Symposium, Cusco, Peru July, 2016
- WFNS Spine Symposium, Manila, Philippines September, 2016
- International Symposium of Minimally Invasive Neurosurgery, Cairo, Egypt October, 2016
- World Congress of Neurosurgery, Istanbul, Turkey August, 2017
- International Symposium of Spine and Neuro-Oncology, Pereira, Columbia Nov 23-25, 2017

Publications Chapters

- **Robertson, S.C.**, Traynelis, V.C., Yamada, T. : Identification of the sensorimotor cortex with SSEP phase reversal. In Loftus CM, Traynelis VC(eds): Intraoperative Monitoring Techniques In Neurosurgery, New York, McGraw Hill, 1993.
- **Robertson, S.C.**, Traynelis, V.C. : Acute Management of Compressive Peripheral Nerve Injuries. In Loftus CM: Neurosurgical Emergencies, Chicago, AANS Publications Committee, 1994.
- **Robertson, S.C.**, Lennarson, P.J., Traynelis, V.C. : Traumatic intracerebral hematomas (ICH). In: Adams HP, ed. *Neurobase*. La Jolla, CA: Arbor Publishing, 1996.
- **Robertson, S.C.**, Traynelis, V.C., Loftus, C.M. : Traumatic subdural hematomas (SDH). In: Adams HP, ed. *Neurobase*. La Jolla, CA: Arbor Publishing, 1997.
- **Robertson, S.C.**, Loftus, C.M. : The role of neuronal nitric oxide(NO) in collateral and normal regional cerebral blood flow (CBF). Proceedings of the 11th International Congress of Neurological Surgery, Amsterdam, pp.1871-1875, July 6-11, 1997.
- Loftus, C.M., **Robertson, S.C.** : Technique of carotid endarterectomy with special emphasis on Hemashield patch graft technique. Proceedings of the 11th International Congress of Neurological Surgery, Amsterdam, pp.1049-1057, July 6-11, 1997.
- **Robertson, S.C.** : Percutaneous Vertebral Augmentation: StabiliT A New Delivery System for Vertebral Fractures. Alexandre A et al., Advances in Minimally Invasive and Therapy for Spine and Nerves, ACTA Neurochirurgica Supplement 108, pp. 191-195, 2011.

Educational Publication Articles

- Talman, W.T., **Robertson, S.C.** : Glycine, like glutamate, microinjected into the nucleus tractus solitarius of rat decreases arterial pressure and heart rate. *Brain Research* 477:7-13, 1989.
- Talman, W.T., **Robertson, S.C.** : Nucleus prepositus hypoglossi: a medullary pressor region. *Hypertension* 17:1173-1176, 1991.
- Talman, W.T., Kauth-Colling, J.M.E., **Robertson, S.C.** : Glycine acts through cholinergic mechanisms in the nucleus tractus solitarii of rat. *Am.J Physiol* 260:H1326-H1331, 1991.
- Talman, W.T., Robertson, S.C., Cassell, M.D. : Mechanisms of cardiovascular response of glycine injected into the dorsal motor nucleus in rat. *Hypertension Vol19:2:SUPPLEMENTAL:II-187 - II-192*, 1992.
- **Robertson, S.C.**, Muhonen, M.G., Gerdes, J.S., Loftus, C.M. : Effects of serotonin (5-HT) and selective 5-HT receptor antagonists on regional cerebral blood flow after middle cerebral artery occlusion. *Surgical Forum* 47:561-563, 1996.
- **Robertson, S.C.**, Menezes, A.H. : Hemorrhagic complications in association with silastic dural substitute: pediatric and adult case reports with a review of the literature. *Neurosurgery* 40:201-206, 1997.
- Muhonen, M.G., **Robertson, S.C.**, Gerdes, J.S., Loftus, C.M. : Effects of serotonin on cerebral circulation following middle cerebral artery occlusion. *J. of Neurosurgery* 87:301-306, 1997.
- **Robertson, S.C.**, Traynelis, V.C., Follett, K.G., Menezes, A.H. : Idiopathic spinal epidural lipomatosis. *Neurosurgery* 41:68-75, 1997.
- **Robertson, S.C.**, Barua, M., Gerdes, J.S., Loftus, C.M. : Effects of glibenclamide on regional cerebral blood flow. *Surgical Forum* 48:536-539, 1997.
- **Robertson, S.C.**, Ackerman, L.L., Traynelis, V.C., Menezes, A.H. : Increased height in patients with medulloblastomas. *Neurosurgery* 41:561-566, 1997.
- **Robertson, S.C.**, Wetjen, N.M., Beer, B.J., Loftus, C.M. : Pre and post-ischemic effects of the NMDA receptor antagonist dizocilpine maleate (MK-801) on collateral cerebral blood flow. *J Neurosurgery* 87:927-933, 1997.
- **Robertson, S.C.**, Loftus, C.M. : Effect of NMDA and inhibition of neuronal nitric oxide on collateral cerebral blood flow after middle cerebral artery occlusion. *Neurosurgery* 42:117-124, 1998.
- **Robertson, S.C.**, Menezes, A.H. : Occipital calvarial bone graft in posterior occipitocervical fusion. *Spine* 23:249-255, 1998.
- **Robertson, S.C.**, Brown, P., Loftus, C.M. : Effects of Etomidate administration on cerebral collateral flow. *Neurosurgery* 43:317-324, 1998.
- **Robertson, S.C.**, Lennarson, P., Hasan, D.M., Traynelis, V.C. : Clinical Course and Surgical Management of Massive Cerebral Infarction. *Neurosurgery* 55:55-62, 2004.
- **Robertson, S.C.**: Favorable characteristics for long term survival in high grade gliomas. *J of Neuro-Oncology*. 87(2):239-239, 04/2008.