

Dr. Jeffrey E. Thomas, M.D., F.A.A.N.S., F.A.C.S.
Founder and Chairman of the Board of Directors
Publications, Presentations, and Lectures

Peer Reviewed Papers

Thomas JE, Jackson-Lewis V, Fahn S, Cadet JL: *Methylprednisone treatments alter apomorphine-induced circling in the rat model of 6-hydroxydopamine-induced striatal denervation*. International Journal of Neuroscience 44(1-2): 149-54, 1989.

Thomas FP, Thomas JE, Sadiq SA, Van den Berg LH, Roelofs RI, Latov N, Hays AP: *Human monoclonal IgM anti-Gal(B1-3) GalNAc antibodies bind to the surface of bovine motoneurons*. Journal of Neuropathology and Experimental Neurology. 49(2): 89-95, 1990.

Bloch KD, Wolfram JR, Brown DM, Roberts JD, Zapol DG, Lepore JL, Filippov G, Thomas JE, Jacob HJ, Bloch DB: *Three members of the nitric oxide synthase II gene family co-localize to the pericentromeric region of human chromosome 17*. Genomics 27: 526-30, 1995.

Thomas JE, Nemirovsky A, Zelman V, Giannotta SL: *Rapid reversal of endothelin-1-induced cerebral vasoconstriction by intrathecal administration of nitric oxide donors*. Neurosurgery 1997; 40(6): 1245-49.

Thomas JE: *Molecular biological considerations in cerebral vasospasm following aneurysmal subarachnoid hemorrhage*. Neurosurgical Focus 1997; 3 (3): Article 3.

Yalamanchili K, Rosenwasser RH, Thomas JE, Liebman K, McMorrow C, and Gannon P: *The incidence of cerebral vasospasm in patients treated with endovascular occlusion of intracranial aneurysms*. American Journal of Neuroradiology, 19: 553-558, 1998.

Armonda RA, Thomas JE, Rosenwasser RH: *Therapeutic Options for Endovascular Therapy for Intracranial Aneurysms*. Neurosurgical Focus . Article #4, October 1998.

Armonda RA, Thomas JE, Rosenwasser RH: *Early and Aggressive Management of Medically Intractable Cerebral Vasospasm with Pentobarbital Coma and ICP Reduction*. Neurosurgical Focus . Article #7, October 1998.

Benitez RP, Armonda RA, Harrop J, Thomas JE, Rosenwasser RH: *Carotid angioplasty and stenting for recurrent and radiation-induced stenosis: preliminary experience*. Neurosurgical Focus . Article #14, October 1998.

Thomas JE and Rosenwasser RH: *Reversal of Severe Cerebral Vasospasm in Three Patients Following Aneurysmal Subarachnoid Hemorrhage: Initial Observations Regarding the Use of Intraventricular Sodium Nitroprusside in Humans*. Neurosurgery 44(1): 48-58, 1999.

Thomas JE, Rosenwasser RH, Armonda RA, Harrop J, Mitchell W, Galaria I: *Safety of Intrathecal Sodium Nitroprusside for the Treatment and Prevention of Refractory Cerebral Vasospasm and Ischemia in Humans*. Stroke 30 (7): 1409-1416, 1999.

Thomas JE et al., *Endosaccular Thrombosis of Cerebral Aneurysms: Strategy, Indications and Technique*. Neurosurgery Clinics of North America 11: 101-121, 2000.

Thomas JE: *Treatment of cerebral vasospasm with intrathecal nitric oxide donors*. Seminars in Neurosurgery 11(1): 17-25, 2000.

Thomas JE and McGinnis G: *Safety of intraventricular sodium nitroprusside and thiosulfate for the treatment vasospasm in the neurosurgical intensive care unit*. Stroke 33 (2): 486-492, 2002.

Peer Reviewed Abstracts

Martin J, Rudnicka M, Thomas JE, Miller C: *Molecular homology of a neuroglial gene expressed in Drosophila and human nervous systems*. Society for Neuroscience Abstracts 16: 354, 1990.

Thomas JE, Day JD, Hirahara K, Fukushima T: *Middle fossa approach with total resection of the petrous apex and improved exposure of the posterior cavernous sinus*. Skull Base Surgery 4 (Suppl. 1): 31, 1994.

Thomas JE, Nemirovsky A, Zelman V, Giannotta SL: *Rapid complete reversal of endothelin-1-induced cerebral vasoconstriction by nitric oxide donors*. Journal of Neurosurgical Anesthesia 8(4): 340, 1996.

Thomas JE, Zelman V, Giannotta SL: *Reversal of endothelin-induced cerebral vasospasm by sodium nitroprusside*. Journal of Neurosurgery 84 (2): 329, 1996.

Thomas JE and Rosenwasser RH: *Preliminary Report: Reversal of Severe Cerebral Vasospasm in a Patient Following Aneurysmal Subarachnoid Hemorrhage: Initial Observations on the Use of Intrathecal Nitric Oxide Donors in Humans: Case Report*. Neurosurgery 88 (1): 198A, 1998.

Rosenwasser RH and Thomas JE: *Intraoperative angiography in cerebrovascular surgery*. Journal of Neurosurgery 88 (1): 185A, 1998.

Armonda RA, Benitez R, Harrop J, Thomas JE, Gannon P and Rosenwasser RH: *Aggressive treatment of medically intractable cerebral vasospasm with pentobarbital coma*. Journal of Neurosurgery 88 (1): 191A, 1998.

Thomas JE, Armonda RA and Rosenwasser RH: *Reversal of severe cerebral vasospasm in a patient following aneurysmal subarachnoid hemorrhage: Preliminary observations on the use of intrathecal nitric oxide donors in humans*. Journal of Neurosurgery 88 (1): 198A, 1998.

Thomas JE, Gannon PM, Rosenwasser RH: *Endovascular Coil Obliteration of Posterior Circulation Aneurysms*. Journal of Neurosurgery 88 (2): 405A, 1998.

Rosenwasser RH, Thomas JE, Gannon PM, Bell R, Jamieson D: *Management of Cerebral Vasospasm: Timing of Endovascular Options*. Journal of Neurosurgery 88(2): 386A, 1998.

Thomas JE, Armonda RA, Morrison S, Rosenwasser RH: *Preliminary report: Initial observations on the safety and efficacy of intrathecal nitric oxide donors for the treatment of refractory cerebral vasospasm and ischemia in humans*. Neurosurgery 43 (3): 670, 1998.

Armonda RA, Shanno G, Thomas JE, Gannon PM, Rosenwasser RH: *Incidence of shunt-dependent hydrocephalus in subarachnoid hemorrhage*. Neurosurgery 43 (3): 670, 1998.

Rosenwasser RH, Thomas JE, Armonda RA, Benitez R, Harrop J: *Endovascular treatment of intracranial aneurysms: Single center experience of 120 patients*. Neurosurgery 43 (3): 685, 1998

Armonda RA, Benitez R, Shanno G, Harrop J, Thomas JE, Gannon P, Rosenwasser RH: *Safety of ventriculostomy placement in patients requiring heparinization after GDC treatment of acute aneurysmal SAH*. Neurosurgery 43 (3): 690, 1998.

Armonda RA, Thomas JE, Gannon P, Morrison S, Rosenwasser RH: *Thromboembolic complications of GDC treatment of intracranial aneurysms*. Neurosurgery 43 (3): 690, 1998.

Armonda RA, Liebman K, Grobelny T, Thomas JE, Rosenwasser RH: *Reversal of CT low density in aggressive treatment of cerebral ischemia in vasospasm*. Neurosurgery 43 (3): 690, 1998.

Armonda RA, Andrews DW, Thomas JE, Downes MB, Rosenwasser RH: *Fractionated stereotactic radiosurgical treatment for large volume arteriovenous malformations: Preliminary results*. J Neurosurg 90: 192A, 1999.

Armonda RA, Thomas JE, Rosenwasser RH: *Multimodality treatment of symptomatic dural arteriovenous malformations of the cavernous sinus*. J Neurosurg: Spine 90: 197A, 1999.

Harrop J, Armonda RA, Mitchell W, Thomas J, Rosenwasser RH: *Symptomatic cerebral vasospasm following elective craniotomy and clip ligation of cerebral aneurysm in patients with Hunt and Hess Grade 0*. J Neurosurg: Spine 90: 198A, 1999.

Thomas J: *Observations on the safety and efficacy of intrathecal sodium nitroprusside for the treatment of cerebral vasospasm and ischemia in humans: Experience with 15 treatments*. J Neurosurg 90: 417A, 1999.

Shanno G, Armonda RA, Thomas JE, Morrison S, Rosenwasser RH: *Assessment of unsuccessful GDC coiling of intracranial aneurysms*. J Neurosurg 90: 425A, 1999.

Thomas JE: *Role of NO in ischaemic brain pathology*. European Journal of Anaesthesiology 17(Suppl): 16-17, 2000.

Thomas JE: *Intrathecal sodium nitroprusside in the treatment of cerebral ischaemia and vasospasm following aneurysmal subarachnoid haemorrhage*. European Journal of Anaesthesiology 17(Suppl): 75-76, 2000.

Armonda, RA, Benitez R, Forget T, Thomas JE, Rosenwasser RH: *Combined Oximetry and Transcranial Doppler for Vasospasm Detection*. J Neurosurg 94: 178A, 2001.

Veznedaroglu E, Thomas JE, Benitez R, Forget T, Rosenwasser RH: *Safety of Intraventricular Sodium Nitroprusside and Thiosulfate for the Treatment and Prevention of Neurological Deficits due to Vasospasm in the Neurosurgical Intensive Care Unit: Clinical Experience and Initial Histologic Studies in an Animal Model*. J Neurosurg 94: 181A, 2001.

Chen, Shirley: *Selecting for Intraarterial Thrombolysis...* Intl. STROKE Conference, 2010

Garga, Nina: *Intraoperative Neurophysiology* May 2010, ANA

Tong DC, Barazangi N, Thomas JE, Rose JC, McDermott D, Barakos J, Phan J, Bedenk A. *Increasing IV rt-PA Use Using Modern Eligibility Criteria. The Simplified Management of Acute Stroke Using Revised Treatment (SMART) Criteria Study: Feasibility, Safety and Efficacy*. Presented, AAN 2010.

Tong DC, Thomas JE, Rose JC, Barazangi N, Barakos J, McDermott D, Phan J, Bedenk A. Outcome of "Too Mild" Stroke Patients Treated with IV Thrombolysis: Is it Safe and Effective? Presented, ISC 2010.

Tong DC, Barazangi N, Thomas JE, Rose JC, McDermott D, Chen S, Phan J, Bedenk A. Increasing IV rt-PA Use Using Modern Eligibility Criteria. The Simplified Management of Acute Stroke Using Revised Treatment (SMART) Criteria Study: Feasibility, Safety and Efficacy. Presented, ISC 2010.

Thomas JE, Chen S, Barazangi N, Tong DC, Rose JC, Taverna E, Bedenk A, Phan J. Stay Cool While You're Ahead: Prophylactic Hypothermia in Patients with Aneurysmal Subarachnoid Hemorrhage. Presented, NCS 2009.

Thomas JE, Tong DC, Rose JC, Phan J, Bedenk A, Barakos J, McDermott DA. Increasing thrombolytic treatment rate: results utilizing revised treatment criteria and a multidisciplinary stroke education program. *Stroke* 2008;39(2):607

Tong DC, Thomas JE, Rose JC, Barakos J, Bedenk A, Phan J, McDermott DA. Initial experience with combined 64 slice CT perfusion (ctp) and CT angiography (cta) in routine clinical practice. Potential and pitfalls. *Stroke* 2008;39

Tong DC, Thomas JE, Grosvenor D, Bedenk A, Rose JC, Barazangi N. Outcomes of Transferred Versus direct-Admit Hemorrhagic Stroke Patients at a large comprehensive stroke center.
Submitted, AAN 2012

Papers, Monographs, Book Chapters, and Letters to the Editor

Gruen PG, Thomas JE, Apuzzo MLJ: *Neurosurgical morbidity and complications*. In: *Apuzzo MLJ (ed), Philosophy of Neurological Surgery*. New Hampshire: American Association of Neurological Surgeons, 1994.

Thomas JE: *Editorial Comment*:. Roux S, Loffler BM, Gray GA et al: *The role of endothelin in experimental cerebral vasospasm*. *Neurosurgery* 37: 78-86, 1995.

Thomas JE: *Editorial Comment*.. Nilsson T, et al: *Presence of contractile endothelin-A and dilatory endothelin-B receptors in human cerebral arteries*. *Neurosurgery* 40: 352-53, 1997.

Rosenwasser RH, Armonda RA, Thomas JE: *Endovascular Therapy for Intracranial Aneurysms*. In: Salzman R (ed), *Current Techniques in Neurosurgery*. Third Edition. Philadelphia, Current Medicine, pp 117-129, 1998.

Thomas JE, Armonda RA, Rosenwasser RH: *Endosaccular thrombosis of cerebral aneurysms: Strategy, indications and technique*, In: Rosenwasser R (issue editor), Neuroendovascular Surgery, Neurosurgery Clinics of North America. Philadelphia, W.B. Saunders Company, pp 101-121, 2000.

Vajkoczy P, Hubner U, Horn P, Bauhauf C, Thome C, Schilling L, Schmiedek P, Quintel M, Thomas JE: *Intrathecal Sodium Nitroprusside improves cerebral blood flow and oxygenation in refractory cerebral vasospasm and ischemia in humans*. [letter; comment]. Stroke 31(5): 1195-7, 2000 May.

Armonda RA, Thomas JE, Rosenwasser RH: *The Interventional Neuroradiology Suite as an operating room*. In: Rosenwasser R (issue editor), Neuroendovascular Surgery, Neurosurgery Clinics of North America. Philadelphia, W.B. Saunders Company, pp 1-20, 2000.

Benitez RP, Rosenwasser RH, Thomas JE, Armonda RA, Troffkin N, Forget TR, Shanno GB: *Neuroendovascular Surgical Procedures for Nongiant Intracranial Aneurysms*. In: Batjer H and Loftus C (editors): Textbook of Neurological Surgery. Philadelphia, Lippincott Williams & Wilkins, 2000.

Benitez RP, Rosenwasser RH, Thomas JE, Armonda RA, Troffkin N, Forget TR, Shanno GB: *Endovascular Aneurysm Occlusion: Periprocedural Management*. In: LeRoux PD and Winn HR (editors): Management of Cerebral Aneurysms. Philadelphia, W.B. Saunders Company, 2000.

Thomas JE and A Salem, *editorial comment*: Raab et al., *The effect of intraventricular sodium nitroprusside on cerebral hemodynamics and oxygenation in poor-grade aneurysm patients with severe medically-refractory vasospasm*. Neurosurgery. 2002 May;50(5):1006-13; discussion 1013-4.

Thomas JE. *editorial comment*: Dumont AS, et. al., *Chronic endothelin antagonism restores cerebral vascular function in diabetes*. Neurosurgery. 2003 March 52(3): 660.

Thomas JE. *Editorial comment*: Aihara Y, et. al., *Effects of a nitric oxide donor on and correlation of changes in cyclic nucleotide levels with experimental vasospasm*. Neurosurgery. 2003 March 52(3): 667.

Thomas JE *Editorial comment*: *Serum and urine nitrite are not a reliable indicator of intrathecal nitric oxide production in acute brain injury* In Press, 2003.

Thomas JE *Editorial comment*: Qureshi AI et al., *Safety of High-dose intravenous eptifibatid as an adjunct to internal carotid artery angioplasty and stent placement: a prospective registry*. In press, 2003

Thomas JE *Editorial comment*: Hai J, Li Shi-Ting, Lin Qi et al., Vascular endothelial growth factor expression and angiogenesis induced by chronic cerebral hypoperfusion in rat brain. *Neurosurgery* 53: 963-972, 2003.

Thomas JE *Editorial comment*: "Can you recognize the symptoms of stroke? Media Planet
March 2012, page 3

Thomas JE *Editorial comment*: "Washington Hospital's New Neurosurgery Suite offers State Of the Art Technology"
Tri City Voice Newspaper, April 27, 2012

Presentations

Molecular Cloning and Chromosomal Mapping of Two Novel Isoforms of Inducible Nitric Oxide Synthase. Cardiovascular Research Center, Massachusetts General Hospital, Boston, MA 4/95

Rapid Complete Reversal of ET-1-induced Cerebral Vasoconstriction by Intrathecal Nitric Oxide Donors. Poster/Video Presentation, 64th Annual Meeting, AANS, Minneapolis, MN, 4/96

Thomas JE, Gannon PM, Rosenwasser RH: *Permanent Balloon Occlusion of the Internal Carotid Artery as Treatment for High Surgical Risk Anterior Circulation Aneurysms*. Poster Presentation, ASITN/WFITN Scientific Conference, New York, NY, 9/97.

Thomas JE, Gannon PM, Rosenwasser RH: *Endovascular Coil Obliteration of Cerebral Aneurysms: Clinical Experience with 66 Patients*. Scientific Paper Presentation, ASITN/WFITN Scientific Conference, New York, NY, 9/97.

Rosenwasser RH, Thomas JE, Gannon PM, Benitez R, Jamieson D, Brock D: *Management of Cerebral Vasospasm: Timing of Endovascular Options*. Scientific Paper Presentation, ASITN/WFITN Scientific Conference, New York, NY, 9/97.

Thomas JE, Gannon PM, Rosenwasser RH: *Endovascular Coil Obliteration of Cerebral Aneurysms: Clinical Experience with 66 Patients*. Poster Presentation, Annual Meeting Congress of Neurological Surgeons, New Orleans, LA, 9/97.

Rosenwasser RH, Thomas JE, Gannon PM, Bell R, Jamieson D: *Current Strategies for the Management of Cerebral Arteriovenous Malformations*. Poster Presentation, Annual Meeting Congress of Neurological Surgeons, New Orleans, LA, 9/97.

Rosenwasser RH, Thomas JE, Gannon PM, Bell R, Jamieson D: *Management of Cerebral Vasospasm: Timing of Endovascular Options*. Poster Presentation, Annual Meeting Congress of Neurological Surgeons, New Orleans, LA, 9/97.

Thomas JE, Armonda RA, Gannon PM, Rosenwasser RH: *Permanent Balloon Occlusion of the Internal Carotid Artery as Treatment for High Surgical Risk Anterior Circulation Aneurysms*.

Poster Presentation, Annual Meeting Congress of Neurological Surgeons, New Orleans, LA, 9/97.

Benitez R, Armonda RA, Thomas JE, Rosenwasser RH: *Early experience with carotid artery angioplasty and stenting: Which patients benefit the most?* Poster presentation, Annual Meeting Congress of Neurological Surgeons, New Orleans, LA, 9/97.

Benitez R, Armonda RA, Thomas JE, Rosenwasser RH: *Treatment of cerebral AVMs*. Poster presentation, Annual Meeting Congress of Neurological Surgeons, New Orleans, LA, 9/97.

Thomas JE, Armonda RA and Rosenwasser RH: *Reversal of severe cerebral vasospasm in a patient following aneurysmal subarachnoid hemorrhage: Preliminary observations on the use of intrathecal nitric oxide donors in humans*. Poster Presentation, Annual Meeting of the Joint Section on Cerebrovascular Surgery, Lake Buena Vista, FL, 2/98.

Rosenwasser RH and Thomas JE: *Intraoperative angiography in cerebrovascular surgery*. Poster Presentation, Annual Meeting of the Joint Section on Cerebrovascular Surgery, Lake Buena Vista, FL, 2/98.

Armonda RA, Benitez R, Harrop J, Thomas JE, Gannon P and Rosenwasser RH: *Aggressive treatment of medically intractable cerebral vasospasm with pentobarbital coma*. Poster Presentation, Annual Meeting of the Joint Section on Cerebrovascular Surgery, Lake Buena Vista, FL, 2/98.

Armonda RA, Andrews DW, Thomas JE, Rosenwasser RH: *Bilateral simultaneous inferior petrosal vein sampling in acromegaly*. Poster presentation, Annual Meeting of the Joint Section on Cerebrovascular Surgery, Lake Buena Vista, FL, 2/98.

Thomas JE, Rosenwasser RH, Gannon PM: *Endovascular Coil Obliteration of Posterior Circulation Aneurysms*. Oral Presentation, Annual Meeting of the American Association of Neurological Surgeons, Philadelphia, PA, 4/98.

Rosenwasser RH, Thomas JE, Gannon PM, Bell R, Jamieson D: *Management of Cerebral Vasospasm: Timing of Endovascular Options*. Oral Presentation, Annual Meeting of the American Association of Neurological Surgeons, Philadelphia, PA, 4/98.

Thomas JE, Gannon PM, Rosenwasser RH: *Permanent Balloon Occlusion of the Internal Carotid Artery as Treatment for High Surgical Risk Anterior Circulation Aneurysms*. Poster Presentation, Annual Meeting of the American Association of Neurological Surgeons, Philadelphia, PA, 4/98.

Rosenwasser RH and Thomas JE: *Intraoperative angiography in Cerebrovascular Surgery*. Poster Presentation, Annual Meeting of the American Association of Neurological Surgeons, Philadelphia, PA, 4/98.

Armonda RA, Benitez RP, Harrop, J, Thomas JE, Rosenwasser RH: *Early and Aggressive Treatment of Medically Intractable Cerebral Vasospasm with Pentobarbital Coma, Cerebral Angioplasty and ICP Reduction*. Poster Presentation, Annual Meeting of the American Association of Neurological Surgeons, Philadelphia, PA, 4/98.

Thomas JE, Armonda RA, Morrison S, Rosenwasser RH: *Preliminary Report: Initial Observations on the Safety and Efficacy of Intrathecal Nitric Oxide Donors for the Treatment of Refractory Cerebral Vasospasm and Ischemia in Humans*. Oral Presentation, Annual Meeting of the Congress of Neurological Surgeons, Seattle, WA, 10/98.

Rosenwasser RH, Thomas JE, Armonda RA, Benitez R, Harrop J: *Endovascular Treatment of Intracranial Aneurysms: Single Center Experience of 120 Patients*. Poster Presentation, Annual Meeting of the Congress of Neurological Surgeons, Seattle, WA, 10/98.

Armonda RA, Thomas JE, Gannon P, Morrison S, Rosenwasser RH: *Thromboembolic Complications of GDC Treatment of Intracranial Aneurysms*. Poster Presentation, Annual Meeting of the Congress of Neurological Surgeons, Seattle, WA, 10/98.

Armonda RA, Shanno G, Thomas JE, Gannon P, Rosenwasser RH: *Incidence of Shunt-Dependent Hydrocephalus in Subarachnoid Hemorrhage*. Oral Presentation, Annual Meeting of the Congress of Neurological Surgeons, Seattle, WA, 10/98.

Armonda RA, Benitez R, Shanno G, Harrop J, Thomas JE, Gannon P, Rosenwasser RH: *Safety of Ventriculostomy Placement in Patients Requiring Heparinization after GDC Treatment of Acute Aneurysmal SAH*. Oral Presentation, Annual Meeting of the Congress of Neurological Surgeons, Seattle, WA, 10/98.

Armonda RA, Liebman K, Grobelyny T, Thomas JE, Rosenwasser RH: *Reversal of CT Low Density in Aggressive Treatment of Cerebral Ischemia in Vasospasm*. Poster Presentation, Annual Meeting of the Congress of Neurological Surgeons, Seattle, WA, 10/98.

Benitez RP, Thomas JE, Armonda RA, Rosenwasser RH: *Emergent Carotid Angioplasty and Stenting Following Carotid Endarterectomy*. Oral presentation, Annual Meeting of the Congress of Neurological Surgeons, Seattle, WA, 10/98.

Armonda RA, Andrews DW, Thomas JE, Downes MB, Rosenwasser RH: *Fractionated stereotactic radiosurgical treatment for large volume arteriovenous malformations: Preliminary results*. Oral presentation, Joint Section on Cerebrovascular Surgery, Nashville, TN, 2/99.

Armonda RA, Thomas JE, Rosenwasser RH: *Multimodality treatment of symptomatic dural arteriovenous malformations of the cavernous sinus*. Oral presentation, Joint Section on Cerebrovascular Surgery, Nashville, TN, 2/99.

Harrop J, Armonda RA, Mitchell W, Thomas J, Rosenwasser RH: *Symptomatic cerebral vasospasm following elective craniotomy and clip ligation of cerebral aneurysm in patients with Hunt and Hess Grade 0*. Oral presentation, Joint Section on Cerebrovascular Surgery, Nashville, TN, 2/99.

Thomas J, Armonda RA, Harrop J, Mitchell W, Shanno G, Veznedaroglu E, Rosenwasser RH: *Observations on the safety and efficacy of intrathecal sodium nitroprusside for the treatment of cerebral vasospasm and ischemia in humans: Experience with 15 treatments*. Oral presentation, Annual Meeting of the American Association of Neurological Surgeons, New Orleans, LA , 4/99.

Shanno G, Armonda RA, Thomas JE, Morrison S, Rosenwasser RH: *Assessment of unsuccessful GDC coiling of intracranial aneurysms*. Oral presentation, Annual Meeting of the American Association of Neurological Surgeons, New Orleans, LA , 4/99.

Armonda RA, Shied E, Veznedaroglu E, Thomas J, Rosenwasser R: *Single Center Experience in the Treatment of Ruptured PICA Aneurysms*. Poster presentation. Congress of Neurological Surgeons, Boston MA, October 1999.

Armonda RA, McGee W, Shanno G, Veznedaroglu E, Thomas J, Rosenwasser R: *Cerebral Oximetry Monitoring for Vasospasm in Aneurysmal SAH*. Poster presentation. Congress of Neurological Surgeons, Boston MA, October 1999.

Armonda RA, Benitez R, Carabasi A, Morrison S, Gannon P, Thomas J, Rosenwasser R: *Carotid Angioplasty and Stenting Combined with Abciximab for Carotid Artery Stenosis*. Oral Presentation. Poster presentation. Congress of Neurological Surgeons, Boston MA, October 1999.

Armonda RA, Shanno G, Veznedaroglu E, Thomas J, Rosenwasser R: *Adult Applications of the Codman-Hakim Programmable Valve: Preliminary Report*. Oral poster. Congress of Neurological Surgeons, Boston MA, October 1999.

Armonda RA, Thomas J, Rosenwasser: *Therapeutic Decision Making in the Endovascular Treatment of Intracranial Aneurysm: A Single Center Experience of 215 Patients*. Poster presentation. Congress of Neurological Surgeons, Boston MA, October 1999.

Harrop J, Germanwala A, Benitez R, Thomas J, Rosenwasser R: *Temporary Venous Pacemaker for Treatment of Carotid Angioplasty Induced Bradycardia*. Poster presentation. Congress of Neurological Surgeons, Boston MA, October 1999.

Thomas JE : *Treatment of Cerebral Vasospasm with Intrathecal Sodium Nitroprusside/Thiosulfate in the Neurosurgical Intensive Care Unit*. Oral Presentation. Congress of Neurological Surgeons, San Antonio TX, September 2000.

Armonda, RA, Benitez R, Forget T, Thomas JE, Rosenwasser RH: *Combined Oximetry and Transcranial Doppler for Vasospasm Detection*. Oral Presentation. Joint Section on Cerebrovascular Surgery and ASITN, Waikoloa HI, February 2001.

Veznedaroglu E, Thomas JE, Benitez R, Forget T, Rosenwasser RH: *Safety of Intraventricular Sodium Nitroprusside and Thiosulfate for the Treatment and Prevention of Neurological Deficits due to Vasospasm in the Neurosurgical Intensive Care Unit: Clinical Experience and Initial Histologic Studies in an Animal Model*. Oral Presentation. Joint Section on Cerebrovascular Surgery and ASITN, Waikoloa HI, February 2001.

Armonda RA, Harrop JS, Benitez R, Carabasi A, Morrison S, Thomas JE, Rosenwasser RH: *Use of Abciximab During Cerebrovascular Angioplasty and Stenting*. Poster Presentation. Joint Section on Cerebrovascular Surgery and ASITN, Waikoloa HI, February 2001.

Veznedaroglu E, Harrop J, Benitez R, Forget T, Thomas J, Rosenwasser R: *Carotid Angioplasty and Stenting in Patients Who Have Previously Undergone Head and Neck Radiation*. Poster Presentation. Joint Section on Cerebrovascular Surgery and ASITN, Waikoloa HI, February 2001.

Thomas JE: *A Case of Ruptured Cerebral Aneurysm: Facts and Reflections on Sentinel Hemorrhage, Unruptured Cerebral Aneurysms and Painless Temporary Oculomotor Palsy*. CPMC Stroke Institute Neurovascular Conference, September 29, 2005.

Andrews BT and JE Thomas, *Decompressive Craniectomy in a General Neurosurgical Practice*. 51st Annual Meeting of the Western Neurosurgical Society Lake Tahoe, California, September 12-16, 2005.

Thomas J: Ground rounds at Washington Hospital: Comprehensive Cerebrovascular Neurosurgery (2/13/2013)

Invited Lectures and Addresses

Molecular Biology of the Cerebral Vasculature: Toward an Integrated Hypothesis of Cerebral Vasospasm. 32nd Annual Meeting of Society of University Neurosurgeons, Los Angeles, CA 3/96

Endovascular Coil Occlusion of Cerebral Aneurysms. Society of University Neurosurgeons Meeting, Ann Arbor, MI, 6/97.

Management of Rolandic/Pericentral AVMs. Luncheon Seminar, Annual Meeting Congress of Neurological Surgeons, New Orleans, LA, 9/97.

Intraoperative Imaging. Luncheon Seminar, Annual Meeting Congress of Neurological Surgeons, Seattle, WA, 10/98

The Unique Role of NO in Various Brain Pathologies. Second International Update on Neuro-Anesthesia and Neuro-Intensive Care. Genk, Belgium, 2/2000.

Intrathecal Sodium Nitroprusside in the Treatment of Cerebral Vasospasm. Second International Update on Neuro-Anesthesia and Neuro-Intensive Care. Genk, Belgium, 2/2000.

Reversal of Vasospasm by Intraventricular Sodium Nitroprusside. Scientific Session, 7th International Conference of Cerebral Vasospasm, Interlaken, Switzerland, 6/2000.

Treatment and Prevention of Cerebral Ischemia and Stroke Using Intrathecal Sodium Nitroprusside in the Neurosurgical Intensive Care Unit. Neurosurgical Society of America, Durango, CO, 6/2000.

Endovascular Treatment of Posterior Circulation Aneurysms. Luncheon Seminar, Annual Meeting of The Congress of Neurological Surgeons, San Antonio, TX, September 2000.

Endovascular Treatment of Cerebrovascular Disease. Visiting Professor, Grand Rounds, Neurological Institute of New York, Columbia University, New York NY, August 2000.

Case Management, Carotid Disease: Grafts, Stents and Balloons. Annual Meeting of The Congress of Neurological Surgeons, San Diego, CA, October 2, 2001.

Cerebrovascular Disease: Intracranial Hemorrhage and Modern Treatments. Medical Student Phase II lecture, October 11, 2001.

Endovascular Alternatives in Cerebrovascular Disease. Grand Rounds presentation, Department of Neurology, University of New Mexico Health Sciences Center, October 12, 2001.

Neurovascular Disease. Current Concepts in Surgery Conference. Albuquerque, New Mexico. August 9, 2002.

Endovascular Treatment Options for Neurovascular Disorders. Address to Division of Interventional Radiology, California Pacific Medical Center, San Francisco, California. December 10, 2003.

Current Concepts in Neurovascular Disease. Critical Care Nursing Lecture, Davies Campus of CPMC, San Francisco, California. December 11, 2003.

Neuroendovascular Alternatives in Cerebrovascular Disease. Invited Lecturer, Internal Medicine Grand Rounds, California Pacific Medical Center, San Francisco, CA. January 20, 2004.

Modern Cerebrovascular Surgery. Invited Lecturer, Department of Surgery Grand Rounds, California Pacific Medical Center, San Francisco, California. February 6, 2004.

Update on Neurovascular Interventions. Invited Lecturer, Neuroscience Nursing Update, California Pacific Medical Center, San Francisco, California. March 19, 2004.

Modern Neurovascular Interventions. Invited Lecturer, Department of Internal Medicine Davies Grand Rounds, California Pacific Medical Center, San Francisco, California. May 14, 2004.

Trends (and Judgement) in Neurointervention. Invited Lecturer, San Francisco Neurological Society, Quail Lodge, Carmel, California, March 12, 2005.

Technology and Clinical Judgement in Neurovascular Disease: Assessment and Application in the Treatment of Dangerous Diseases. Department of Neurology Grand Rounds, California Pacific Medical Center, San Francisco, California, March 24, 2005.

Technology of Cerebrovascular Interventions and Clinical Decision-Making. CPMC Annual Lecture to Retired Physicians 2005. CPMC California Campus, San Francisco, California. May 19, 2005.

Stroke 2006: Lecture to Board of Directors, American Heart Association. San Francisco, California. March 16, 2006.

Modern Therapeutic Decisions in Neurovascular Disease. Saint Luke's Hospital Grand Rounds, San Francisco, California. June 22, 2006.

Interventional Techniques: Presentation at Alta Bates Summit Medical Center, Berkeley, California. December 8, 2006

Emergency Management of Subarachnoid Bleeds: Seton Medical Center Grand Rounds, San Francisco, California. December 19, 2006

Modern Cerebralvascular Surgery: Educational Presentation to Physicians of Seton Medical Center, San Francisco, California. January 19, 2007

Modern Neurovascular Surgery: Treatment Paradigms for Aneurysmal Subarachnoid Hemorrhage and Ischemic Stroke.

Modern Neurovascular Surgery: Treatment Paradigms for Aneurysmal Subarachnoid Hemorrhage and Ischemic Stroke. Novato Community Hospital, Novato, California. March 30, 2009

Medical and Surgical Management of Intracerebral Hemorrhage and Aneurysm
California Pacific Medical Center: State of the Art Stroke Treatment 2009
May 8, 2009 Marriott Napa Valley, Napa California.

Endovascular revascularization for Acute Ischemic Stroke- Theory and Practice
62nd Annual Meeting of the San Francisco Neurological Society
February 26th to 28th, 2010 The Sonoma Lodge - Sonoma, California

"Girlfriends for the Cure" Healthcare Foundation Northern Sonoma County, California
October 28, 2010 An event benefiting Healthcare Foundation Northern Sonoma County
Educational forum lecture

Victory Over Stroke Conference May 12, 2010 Peninsula Stroke Association

Endovascular Treatment for Acute Stroke

Advances in Neurosciences Fourth Annual Bay Area Symposium, Washington Hospital Healthcare System Fremont, California July 17, 2010

Latest in Cerebrovascular Surgery and Interventional Neuroradiology California Pacific Medical Center San Francisco, California March 3, 2011

100 years of the Operating Microscope and the Hybrid Neurovascular OR: California Pacific Medical Center Davies Campus, Feb 12, 2011

Modern Cerebrovascular Surgery and the Hybrid Neuro OR: Stockton, CA Sept 24, 2011

Old School and New Technology: Modern Cerebrovascular Surgery for Cerebral Aneurysm and Stroke, guest lecturer Stryker Neurovascular Corporation, December 4, 2013