

CURRICULUM VITAE
DANIELE RIGAMONTI, M.D., F.A.C.S, F.A.H.A.

(Last revised August, 2012)

H-factor=30.5

DEMOGRAPHIC INFORMATION

Current Appointments:

Salisbury Family Professor of Neurosurgery

Professor and Vice Chairman, Department of Neurosurgery

Professor of Oncology , Radiation Oncology and Molecular Sciences

Professor of Radiology

Joint Appointment Department of Physical Medicine and Rehabilitation

Director, Division of Stereotactic Radiosurgery

Director, Cerebrospinal Fluid Diseases Center

Associate Attending, Department of Neurosurgery, Johns Hopkins Bayview Medical Center

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Education and Training

Diploma -	1970	Classic Lyceum P. Sarpi, , Bergamo, Italy	Diploma in Classical Studies
M.D.	1976	Universita Cattolica, Roma, Italy	
Degree-			
Intern	1977	, Neurosurgery, Spedali Civili, Brescia, Italy	
Mission	1977	Centre Medicale Goundi, Ciad, Africa	
Volunteer			
Intern,	1979	Mt. Sinai School of Medicine, New York, New York	
Resident,	1984	Neurosurgery, Mt. Sinai School of Medicine New York, New York	
Instructor	1985	Neurosurgery, Mt Sinai Hospital, New York	
Fellow	1987	Neurovascular Surgery, Barrow Neurological Institute, Phoenix, Arizona	
Diplomate	1988	American Board of Neurological Surgeons	
	1995	Business of Medicine, The Johns Hopkins Hospital, Baltimore, Maryland	

Professional Experience

Instructor	Mt. Sinai Hospital, New York, New York, Department of Neurosurgery	1984 - 1985
Assistant Professor	University of Maryland School of Medicine, Division of Neurosurgery	1987 - 1991
Associate Professor	University of Maryland School of Medicine, Division of Neurosurgery	1991 - 1995

Assistant Professor	University of Maryland School of Medicine, Department of Radiology	1990 - 19
Associate Professor	The Johns Hopkins University, Department of Neurosurgery	1993 - 19
Associate Professor	The Johns Hopkins University, Department of Radiology	1993 - 19
Professor	The Johns Hopkins University, Department of Neurosurgery	1997 -pre
Professor	The Johns Hopkins University, Department of Radiology	1999-pre
Professor	The Johns Hopkins University, Department of Physical Medicine and Rehabilitation	1999-pre
Professor	The Johns Hopkins University, Department of Radiation Oncology	2002-pre

RESEARCH ACTIVITIES

Publications

Peer-reviewed scientific articles

Citation:

- 1 Rigamonti L, Ghidini O, Molinari-Tosatti P, Salvi S, Dimonda V, Cernic F, Rigamonti D: Fractures and dislocations of cervical vertebrae - treatment and results in 8 cases. *Archivio Scienze Mediche*, 129:1-10, 1972.
- 2 Marchisio PC, Aglietta M, Rigamonti D: Short-term effects of colcemid on the rapid axonal transport of proteins in the optic pathway of chick embryos. *Experientia*, 29:1126-1127, 1973.
- 3 Rigamonti L, Salvi S, Mascitti T, Marchionni B, Rigamonti D: Considerazioni su 18 casi di osteosintesi infratture di collo di femore eseguite con due viti A-O daspugnosa. *Minerva Ortopedica*, 25:1-4, 1974
- 4 Mascitti T, Scolari P, Feroldi G, Ippolito V, Rigamonti D, Marchionni B: Considerazioni sul trattamento cruento delle fratture diafisarie di omero. *Minerva Ortopedica*, 1977,601-606.
- 5 Bortoluzzi M, Rigamonti D, Bellati A: Stravasico del mezzo di contrasto durante angiografia carotidea da rottura di aneurismi cerebrali. *Bozner Med Ges*, 26:103-108, 1977
- 6 Fauret M, Pizzoli G, Schiaffino E, Bertoletti F, Rigamonti D: Osteosarcoma juxtacorticale dell'osso frontale. *Minerva Ortopedica*, 31:1-4, 1980
- 7 Pizzoli G, Piana G, Rigamonti D: Diagnosi ultrastrutturale del sarcoma di Ewing. *Archivio Scienze Mediche*, 137:1-8, 1980
- 8 Pizzoli G, Scola G, Stucchi F, Rigamonti D: Aspetti Ultrastrutturali del Rhabdomyosarcoma. *Archivio Scienze Mediche*, 137, 1980
- 9 Pizzoli G, Dall'oglio P, Rigamonti D: Ultrastructural observations on astrocytoma. *Minerva Medica Extraxt*, 71(42):3061-3066, 1980 1
- 10 Leonardi R, Rigamonti L, Toffoli C, Rigamonti D: Implicazioni fisiopatologiche & terapeutiche della somatostatina in Medicina Interna. *Minerva Medica*, Vol.78 (44):3217-3220, 1980
- 11 Leonardi R, Toffoli C, Rigamonti D, Rigamonti L: Sul ruolo della somatostatina nella malattia diabetica. *Archivio Scienze Mediche*, 138:11-16, 1981
- 12 Bortoluzzi M, Marini G, Rigamonti D: Cerebral Lesions in transient ischemic attacks. *Minerva Medica*, Vol. 72:1051-58, 1981
- 13 Leonardi R, Toffoli C, Rigamonti L, Rigamonti D, Gambassi G, Greco A, Ghirlanda G: The Vasoactive intestinal polypeptide (VIP). *Minerva Medica*, 72:801-805, 1981
- 14 Leonardi R, Toffoli C, Rigamonti L, Rigamonti D, Gambassi G, Greco A, Ghirlanda G: Il vasoactive intestinal polypeptide in alcuni processi digestivi nella Sindrome di Verner Morrison. *Minerva Medica*, 72:1707-1711, 1981
- 15 Som PM, Lawson W, Biller HF, Lanzieri CF, Sachdev VP, Rigamonti D: Ethmoid sinus disease. CT evaluation of 400 cases. Part III: Craniofacial resection. *Radiology*, 159:605-609, 1986
- 16 Rigamonti D, Spetzler RF: Early versus delayed surgery in subarachnoid hemorrhage. *West J Med*, 145:83, 1987
- 17 Rigamonti D, Spetzler RF, Shetter AG, Drayer BP: MRI and trigeminal schwannoma. *Surg Neurol*, 28:67-70, 1987 33
- 18 Solodnik P, Som PM, Shugar JM, Sachdev VP, Sacher M, Lanzieri CF, Rigamonti D: Intraosseous petrous apex neuroma: CT findings. *J Comput Assist Tomogr*, 10(6):1027-1029, 1986 2

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Selected for publication in Year Book of Neurology and Neurosurgery, 1989: 315-316 371
- 20 Rigamonti D, Rekatte H, Pittman H & Spetzler R: Cavernous malformations (angiomas) in children. *Journal of Pediatric Neurosciences*, 4:55-59, 1988 3
- 21 Spetzler RF, Hadley MN, Rigamonti D, Carter LP, Raudzens PA, Shedd SA, Wilkinson E: Complex aneurysms of the basilar artery treated with circulatory arrest, hypothermia, and barbiturate cerebral protection. *J Neurosurg*, 68:868-879, 1988.* Selected for publication in *Year Book of Neurology and Neurosurgery*, 1990:285-287. 197
- 22 Rigamonti D, Spetzler RF: The association of venous and cavernous malformation: Report of four cases and discussion of the pathophysiological, diagnostic, and therapeutic implications *Acta Neurochir (Wien)* 92:100-105, 1988 123
- 23 Rigamonti D, Johnson PC, Spetzler RF, Drayer BP: Vascular malformations and MRI *Ann Neurol* 1988 23:208-9 1
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- 26 Bojanowski WM, Rigamonti D, Spetzler RF, Flom R: Angiographic demonstration of the meningeal branch of the posterior cerebral artery. *Amer Journal Neuroradiology*, 9:808, 1988
- 27 Rigamonti D, Rekatte HA, Spetzler RF, Hoenig-Rigamonti K, Medina MK: Cerebral venous malformations in children. *J Pediatric Neurosciences*, 5:29-33 1989
- 28 Hadley MN, Zabramski JM, Spetzler RF, Rigamonti D, Fifield MS, Johnson PC: The efficacy of intravenous nimodipine in the treatment of focal cerebral ischemia in a primate model *Neurosurgery*, 25:63-70, 1989 25
- 29 Sadato H, Rigamonti D, Numaguchi Y: Incidental aneurysm of the superior cerebellar and non-visualized posterior-inferior cerebellar artery aneurysm. *Neuroradiology*, 31: 364-5, 1989. 1
- 30 Gorman PH, Rigamonti D, Joslyn JN: Intra and extramedullary schwannoma of the cervical spinal cord. Case report. *Surg Neurol*, 32:459-62, 1989 20
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- 32 Stern BJ, Kittner S, Sloan M, Meyd C, Bucholz D, Rigamonti D, Woody R, Meyerhoff J, Bell W, Price TR: Stroke in the Young. *Maryland Medical Journal*, 40(6):453-462, June 1990, Part I
- 33 Salcman M, Rigamonti D, Numaguchi Y, Sadato N: Aneurysms of the PICA-VA complex: variations on a theme. *Neurosurgery*, 27:12-21, 1990. *Selected for publication in *Year Book of Neurology and Neurosurgery*, 1992:275-276. 51
- 34 Rigamonti D, Pappas CTE, Spetzler RF, Johnson PC: Extra-cerebral cavernous angiomas of the middle fossa. *Neurosurgery*, 27:306-309, 1990 55
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- 40 Cawley MC III, Rigamonti D, Trommer B: Dental chair apoplexy. *Southern Medical Journal*, 84(7):907-909, 1991 **1**
- 41 Wolf A, Levi L, Mirvis S, Ragheb J, Huhn S, Rigamonti D, Robinson W: Operative management of bilateral facet dislocation. *Journal of Neurosurgery* 75(6):883-890, 1991 **84**
- 42 Sadato N, Numaguchi Y, Rigamonti D, Salcman M, Gellad F, Kishikawa T: Bleeding patterns in ruptured posterior fossa aneurysms: a CT study. *Journal of Computer Assisted Tomography* 15(4):612-617, 1991 **8**
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- 44 Walter RS, King JC Jr., Manley J, Rigamonti D: Spinal epidural abscess in infancy: successful percutaneous drainage in a nine-month-old and review of the literature. *Pediatr Infect Dis J* 19:860-864, 1991 **25**
- 45 Albuquerque F, Wolf A, Dunham CM, Wagner R, Spagnolia T, Rigamonti D. Frequency of intra-abdominal injury in cases of blunt trauma to the cervical spinal cord. *Journal of Spinal Disorders Vol. 5, 4: 476-80, 1992.* **2**
- 46 Burgerman R, Rigamonti D, Randle J, Fishman P, Johnson K, Panitch H: The association of cervical spondylosis and multiple sclerosis. *Surgical Neurology*, 38:265-270, 1992. **16**
- 47 Numaguchi Y, Pevsner PH, Rigamonti D, Ragheb J: Platinum coil treatment of complex aneurysms of the vertebro-basilar circulation. *Neuroradiology* 34: 252-255, 1992 **20**
- 48 Nussbaum ES, Rigamonti D, Standiford H, Numaguchi Y, Wolf AL, Robinson WL: Spinal epidural abscess: a report of 40 cases and review. *Surgical Neurology*, 38:225-231, 1992.*Selected for publication, *Year Book of Neurology and Neurosurgery*, 1994:383-384 **154**
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- 50 Wheeler D, Keiser P, Rigamonti D, Keay S: Medical management of spinal epidural abscesses: A case report and review. *Clinical Infectious Diseases* 15:22-27, 1992. **113**
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- 73 Lee R, Becher M, Benson M, Rigamonti D: Capillary telangiectasias: MRI appearance. *Radiology*, 1997,205:797-805. 32
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- 79 Rigamonti D, Liem L, Sampath P, Knoller N, Numaguchi Y, Schreiber D, Sloan M, Wolf A, Zeidman S: Spinal epidural abscess: Contemporary trends in etiology, evaluation and management. *Surgical Neurology* 1999; 189-197 **157**
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- 82 Clatterback RE, Rigamonti D: A comparison of the clinical profile of cavernous malformations with and without associated venous malformations *Neurosurgery* (1999) 44:46-47
- 83 Gailloud P, Murphy K, Rigamonti D: Bilateral thoracic bifurcation of the common Carotid artery associated with Klippel-Feil anomaly. 2000 *AJNR Am J Neuroradiol* 21:941-944 **7**
- 84 Hillis, Anderson, Sampath, Rigamonti: Cognitive impairments after surgical repair of ruptured and unruptured aneurysms. *J Neurol Neurosurg Psychiatry* 2000; 69:608-615. **42**
- 85 Elmaci I, Ain, Lee R.L., Sheppard J.E., Rigamonti D. M, Hurko O.: Perioperative intracranial hemorrhage in achondroplasia: A case report. *Journal of Neurosurgical Anesthesiology* 2000. 12 (2):217-220
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- 89 Haroun RI, Li KW, Rigamonti D: Surgical resection of a cerebral arteriovenous malformation for the treatment of Superficial Siderosis. *Surgical Neurology* 53:554-558, 2000 **8**
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- 91 Conway, Chou, Clatterback, Brem, Long, Rigamonti: Hemangioblastomas of the central nervous system in Von Hippel-Lindau and Sporadic Disease. *Neurosurgery* January 2001; 4(1):55-63. **148**
- 92 Murphy, Gailloud, Venbrux, Deramond, Hanley, Rigamonti: Endovascular treatment of a Grade IV transverse sinus dural arteriovenous fistula by sinus recanalization, angioplasty, stent placement: Technical case report. 2000 *Neurosurgery* 46(2):497-501 **54**
- 93 Haroun, Rigamonti, Tamargo: Recurrent Artery of Heubner: Otto Heubner's description of the artery and influence on pediatrics in Germany. *Neurosurgery* 2000 Dec; 93(6):1084-8 **3**
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Stroke, 23:469, 1992
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52 knife surgery of cerebral arteriovenous malformations: Serial MR studies. Radiological Society
of North America, 80th Scientific Assembly and Annual Meeting November 27 - December 2,
1994
- August SM, Grattan LM, Eslinger PJ, Rigamonti D, Aldrich EF: Coping strategies and
53 positive outcome in frontal lobe lesion patients. International Neuropsychological Society 23rd
Annual Meeting, Seattle, Washington, February 8-11, 1995
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75 of factors with paracrine and endocrine activity. Case Report (comment). *Neurosurgery*, submitted
- Hua S, Clatterbuck R, Rigamonti D: Long Term results after stereotactic radiosurgery for patients with
76 cavernous malformations (comment). *Neurosurgery*, submitted
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77 in the name? *In progress*
- Williams M, Torbey M, Geocadin R, Razumovsky A, Calvert P, Rigamonti D: Utility of CSF monitoring to
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Academy of Neurology. *In progress*
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Presentation 12th Internat Symp on ICO and Brain Monitoring Hong Kong 16-20 August, 2004
- Williams M, Thomas G, Rose J, Delateur B, Rigamonti D: An objective analysis of gait in normal
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- Friedman K, Williams MA, Thomas G, Rigamonti D. Role of ventricular shunt scintigraphy as a

- 85 predictor of surgical outcomes in patients with adult hydrocephalus Annual meeting of the Radiological Society of North America. Chicago November 2004
Williams MA, Sharkey P, VanDoren D, Thomas G, Rigamonti D. Effect of Shunt Surgery on Health
- 86 Care Expenditures for fee-for-service medicare beneficiaries. Annual Meeting of the American Academy of Neurology, Florida April 2005
Raza, SM, Thai, QA, Jaboor, S, Pradilla, G, Kleinberg, L, Wharam, M, Rigamonti, D: Fractionated Stereotactic
- 87 Radiosurgery for large intracranial AVMs.
AANS/CNS Cerebrovascular Section meeting in Orlando February 20, 2006
The work received the Cerebrovascular Poster Award.
Fox, J, Wharam, M, Rigamonti, D, Pujari, S, Clatterbuck, RE, Wang, PP, Kleinberg, L. Can Whole Brain
- 88 Radiation Be Omitted In Patients Receiving Radiosurgery for Solitary or Multiple Brain Metastases? ASTRO 2006
Jabbour, SK, Rashid, A, Jackson, J, Rigamonti, D, Kleinberg, L: Gamma Knife Radiosurgery for multiple
- 89 brain metastases: is whole brain radiation dose affected by more conformal treatment? ASTRO
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Kharkar S, Hernandez R, Shuck J, Rigamonti D, Williams M: Comparison of cerebrovascular risk
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Pujari S, Kharkar S, Wang P, Rigamonti D, Williams M: Very long-term clinical course in normal
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Williams M, Sharkey P, Van Doren D, Thomas G, Rigamonti D: Influence of shunt surgery on health
- 94 care expenditures of elderly fee-for-service Medicare beneficiaries with hydrocephalus.
International Congress on Hydrocephalus, Göteborg, Sweden, September 2006.
Wang P, Kharkar S, Rigamonti D, Williams M: Cognitive impairment in pseudotumor cerebri.
- 95 International Congress on Hydrocephalus, Göteborg, Sweden, September 2006.
Williams M, Kharkar S, Wang P, Rigamonti D: Reliability of radionuclide shunt patency study for
- 96 evaluation of suspected ventriculo-peritoneal shunt malfunction in adults with normal pressure hydrocephalus. International Congress on Hydrocephalus, Göteborg, Sweden, September 2006.
Zhang, J, Willimas, MA, Rigamonti, D: Genetic Linkage of human Hydrocephalus.
- 97 International Congress on Hydrocephalus, Göteborg, Sweden, September 2006.
Mandir A, Rigamonti D. Objective assessment of upper motor function in Normal Pressure Hydrocephalus
- 98 the 4th International Hydrocephalus Workshop, Rhodes, Greece May 17-20, 2007
- 99 Hydrocephalus 2009 Batra S, Rigamonti D: Ventriculo-atrial shunts: complications and causes
- 100 Hydrocephalus 2009 Batra S, Rigamonti D: Idiopathic Intracranial Hypertension: differences in outcomes between shunt and valve types. the 4th International Hydrocephalus Workshop, Rhodes, Greece May 17-20, 2007
- 101 Radionuclide shunt patency study for evaluation of suspected malfunction of VA shunts in patients with IHH. the 4th International Hydrocephalus Workshop, Rhodes, Greece May 17-20, 2007
- 102 Inherited cavernous malformations of the central nervous system: clinical and genetic families features in 19 Swiss. Neurosurgical Review Volume 33 No. 1, January 2010.
- 103 Ventriculo-atrial shunts: predictors of failure. 5th International Hydrocephalus workshop 20-23 May, 2010 Crete, Greece
- 104 Effect of antibiotic impregnated shunts on infection rate in adult Hydrocephalus: a single Institution experience. 5th International Hydrocephalus workshop .20-23 May, 2010 Crete, Greece
- 105 Adult endoscopic 3rd ventriculostomy in obstructive hydrocephalus.
5th International Hydrocephalus workshop .20-23 May, 2010 Crete, Greece
- 106 A review and systematic meta-analysis of glomus jugulare tumors treated with radiosurgery.

- American Association of Neurological Surgeons Annual Meeting 2010, Philadelphia, PA.
- 107 Prognostic Predictors of Survival in patients with radio-resistant metastasis with Gamma Knife treatment: A Multi-Institutional Experience. Congress of Neurological Surgeons 2010, San Francisco, CA. Batra S, Rigamonti D
 - 108 A Multi-institutional Experience Of Efficacy Of Gamma Knife In Treatment Of Non Small Cell Lung Carcinoma Metastatic To Brain. Accepted at American Society of Therapeutic and Radiation Oncology , 52nd Annual Meeting, San Diego, CA. Batra S, Rigamonti D
 - 109 Predictors of Survival Following Gamma Knife (GK) Radiosurgery For Breast Cancer Brain Metastases : A Multi-Institutional Experience. Accepted at Congress of Neurological Surgeons 2010 , San Francisco, CA Batra S, Rigamonti D
 - 110 Radiosurgery of glomus jugulare tumors: a meta-analysis. Accepted at American Society of Therapeutic and Radiation Oncology , 52nd Annual Meeting, San Diego, CA.
 - 111 Hearing Loss and Tumor Control Following Fractionated Stereotactic Radiation Therapy (FSRT) for Vestibular Schwannoma (VS): The Johns Hopkins Hospital (JHH) Experience. accepted at American Society of Therapeutic and Radiation Oncology , 52nd Annual Meeting, San Diego, CA. Qiu H, Rigamonti D.
 - 112 Batra, S, Wolf, A, Bortoletto, P, Bettegowda C, Amendola, B, Blach, L, Coy, SR, Kleinberg, L, Rigamonti, D. Histological Differences in Outcomes of Radiosurgical Treatment of Brain Metastasis: a Classification and Tree Analysis. ISRS Paris, France May 8-12, 2011.
 - 113 Rigamonti, D, Batra, S, Kapoor, S, Carson, K, Shuck, J, Kharkhar, S, Gandhi, R, Jackson, J, Wemmer, J, Terezakis, S, Shokek, O, Kleinberg, L, Marchionni, L. A call for a better definition of success and failure in radiosurgery for Vestibular Schwannomas (VS) ISRS Paris, France on May 8-12, 2011.
 - 114 Camara-Quintana, J, Batra, S, Rigamonti, D Radiosurgery for Brainstem cavernous malformations : a metanalysis on outcomes. ISRS Paris, France on May 8-12, 2011.
 - 115 Histopathological prevalence of Alzheimer's disease in patients undergoing shunting for Normal Pressure ISHCSF Copenhagen September 4-7, 2011
 - 116 Role of ShuntCheck in diagnosis of Shunt Obstruction. ISHCSF Copenhagen September 4-7, 2011
 - 117 Ventriculoatrial Shunt in treatment of Hydrocephalus. ISHCSF Copenhagen September 4-7, 2011
 - 118 Efficacy of Endoscopic Third Ventriculostomy in the management of Normal Pressure Hydrocephalus ISHCSF Copenhagen September 4-7, 2011
 - 119 Venous sinus stent placement effectively treats visual dysfunction in pseudotumor cerebri. ISHCSF Copenhagen September 4-7, 2011
 - 120 Unilateral Endovascular Stenting of Dural Venous Sinus Stenosis for the Treatment of Pseudotumor Cerebri ISHCSF Copenhagen September 4-7, 2011
 - 121 Long-term Visual Outcomes of Shunting Patients with Pseudotumor Cerebri ISHCSF Copenhagen September 4-7, 2011
 - 122 Symptomatic intracranial hypertension in patients presenting with cerebrospinal fluid leak ISHCSF Copenhagen September 4-7, 2011
 - 123 Adult with Suspected Choroid Plexus Hyperplasia, ISHCSF Kyoto October 19-22, 2012 S. Gaglani, M. R. Haynes, A Blitz, D. Rigamonti
 - 124 The use of CT MRI guidance is not beneficial in the insertion of the proximal shunt catheter. ISHCSF Kyoto October 19-22, 2012. D. Orkoulas-Razis, A. Ward, J. Hoffberger, D. Rigamonti
 - 125 Shunt surgery as a second line therapeutic in patients with PTC. ISHCSF Kyoto October 19-22 2012 A. Ward, D. Orkoulas-razis, J. Hoffberger, A. Moghekar, D. Solomon, D. Rigamonti
 - 126 The Syndrome of Adult Hydrocephalus: A Discussion. ISHCSF Kyoto October 19-22, 2012 M. R. Haynes, S.M. Gaglani, A. Blitz, D. Rigamonti
 - 127 Risks of shunting in patients with presumed iNPH. ISHCSF Kyoto October 19-22, 2012 B. Elder, D. Rigamonti

Inventions, Patents , Copyrights

US Pat No.60/366,529 Method, Device and System for Implanting a Shunt, 2003

Extramural Sponsorship

1987 - 1989	Salcman M (P.I.), Rigamonti D (Co-investigator): Randomized trial of nicardipine in SAH. North American Neurosurgical Centers, Cooperative Aneurysm Study
1988 - 1989	Spetzler RF, Hadley MN, Rigamonti D, Johnson PC: Induced Cardiac Arrest and Brain Ischemia. Funded by Arizona Disease Control Research Commission. Amount: \$13,500.
1988 -89	Sonntag VKH, Hadley MN, Rigamonti D, Carter LP: Identification of the Mechanisms of Traumatic Spinal Cord Injury. Funded by Arizona Disease Control Research Commission. Amount: \$50,000.
1989	Rigamonti D, Kristt D, Needleman S, Corradino G: Experimental Cerebral Infarction. Funded by University of Maryland Special Research Initiative Support. Amount: \$17,082
1989	Rigamonti D: 1988 Designated Research Initiative Fund of the University of Maryland. Amount: \$60,000
1989	Rigamonti D: Experimental Embolic Infarction. Funded by the Pangborn Fund, University of Maryland. Amount: \$4,849
1990 - 1993	Price T (P.I.) and Rigamonti D (co-investigator): Phase II Randomized Controlled Study of Tissue Plasminogen Activator in Acute Ischemic Stroke. NINDS - \$566,916.
1991 - 1994	Rigamonti D (P.I.), Humphrey T, Hsu F: Biomechanics of Genesis, Growth and Rupture of Saccular Aneurysms. VA RAG Grant #095-62-5389-0001, \$56,600.00.
1993 - 1994	Sloan MA (P.I.), Rigamonti D (Co-investigator): Case Control Study of Drug Use/Abuse in Stroke. NIH Grant. \$ 1,281,373.
1995	Humphrey J (P.I.) and Rigamonti D (Co-P.I.): Endovascular heat treatment on saccular aneurysm. Boston Scientific. \$52,520.
1995 - 1996	Humphrey J (P.I.) and Rigamonti D (Co-P.I.): Predicting rupture-potential of human saccular aneurysm. American Heart Association. \$22,000.
1998-present	Rigamonti D. (P.I.) The genetic base of familial intracranial aneurysm and vascular malformations. The Salisbury Family Foundation \$500,000.00
2003-2005	Rigamonti D. (P.I.) The pathophysiology of Hydrocephalus \$100,000. The Scheindorf Family Foundation.
2006-present	Rigamonti D. (P.I.) Hydrocephalus research \$ 300,000 Medtronic Foundation
2008- present	Rigamonti D. (P.I.) ETV v.shunting \$100,000 Swenson Foundation
	Rigamonti D. (P.I.) Usefulness of shuntcheck

EDUCATIONAL ACTIVITIES

Teaching	Neurosurgery rotation course master, 3rd year medical students, University of Maryland School of Medicine
1988 – 1993	
	Elective Neurosurgery rotation course master, 4th year medical students, University of Maryland School of Medicine
1988 – 1993	
	Johns Hopkins University School of Medicine: Neurology Basic Clerkship
1999 to Present	

Mentoring	Wesley Hsu, Resident of Neurosurgery Hopkins
2004-present	Amer Samdani, M.D., Resident and Chief resident of Neurosurgery Hopkins
1998-2004	Macije Lesniak, M.D., Resident and Chief resident of Neurosurgery Hopkins
1997-2003	Javedan S and Rigamonti D: Student Scholarship in Cerebrovascular Disease from the Stroke Council of the American Heart Association
1996	
	Zakhary R and Rigamonti D: Student Scholarship in Cerebrovascular Disease from the Stroke Council of the American Heart Association
1994	
	Maryland Neurological Society, Annual Resident's Symposium, First Prize: Nussbaum E, Rigamonti D: Management of Spinal Epidural Abscesses
1990	
	Hsu F, Nussbaum E, Rigamonti D: Student Scholarship in Cerebrovascular.

- 1990 Disease. From the Stroke Council of the American Heart Association.
First Prize, Annual Resident's Symposium, Maryland Neurological Society
- 1989 Randle JM, Rigamonti D: Outcome in Grade III and IV Subarachnoid hemorrhage
Geckle D, Rigamonti D: Student Scholarship in Cerebrovascular Disease. Stroke Council of
the American Heart Association.
- 1988 First Prize, Annual Resident's Symposium, Maryland Neurological Society,
Baltimore, Maryland: Corradino G, Rigamonti D: Adolescent Head Trauma: The Value of
1988 Seat Restraint in Preventing Major Morbidity and Mortality in Road Traffic Accidents

Board Of Neurological S Examiner

May 19-21, 2004

Editorial Activities

Ad Hoc REVIEWER

Neurosurgery

1992 -
Present
1996-
Present

Neurology

Editorial
Board
2006

Journal Of the Brasilian Neurosurgical Academy

CLINICAL ACTIVITIES

Certification

Licensure

New York 148425

October,
1981

Maryland D35781

September,
1987

ORGANIZATIONAL ACTIVITIES

Institutional Administrative Appointments

Committees

Neurosciences Appointment and Promotions Committee, Johns Hopkins University

1995-2002

Member Contracting Committee

2000-2005

Member Compliance Committee

2000-2002

Member of Financial Improvement Initiative LOS Reduction

2002-present

Member of Financial Improvement Initiative Case Mix Improvement/Clinical Documentation

2002-2005

National Committees

Membership Committee, Joint Section on Cerebrovascular Surgery, American Association of

1994 - 1998

Neurological Surgeons/Congress of Neurological Surgeons

Professional Societies Membership

P18 Fellow, American Heart Association, Stroke Council
1987 - Present 1987-07 Member, Barrow Neurosurgical Alumni Association
1987 - Present Member, American Medical Association
1988 - Present Member, Research Society of Neurological Surgeons
1988 - Present Member, Baltimore City Medical Society
1988 - Present Member, Medical and Chirurgical Faculty of the State of Maryland
1988 - Present Member, American Association of Neurological Surgeons
1988 - Present Member, Joint Section of Cerebrovascular Surgery
1988 - Present American Association of Neurological Surgeons
1988- Present Member, Congress of Neurological Surgeons
PRESENT
1989 - 2007 Member, American Academy of Neurology

1990 - Present Fellow, American College of Surgeons
1990 - Present Member, Joint Section of Trauma and Critical Care of the American Association
1990 - Present American Association of Neurological Surgeons
1990 - Present Member, Joint Section of Tumors
1990 - Present Member, Maryland Neurosurgical Society
1991 - Present Member, Maryland Neurological Society
1991 - Present Member Johns Hopkins Medical and Surgical Association
1993- Present Corresponding Member Sociedad de Neurocirugia de Chile
2004- present Member Society of Neurosurgical Surgeons
2005-present

Conference Organization

July 6-11, 1997 11th International Congress of Neurological Surgery Amsterdam (The Netherlands)
Chairman Symposium on Cavernous Angiomas
1st International Congress on Genetics in Neuroscience Terni (Italy)
June28-July1, 1998 Vice-president
28th Congreso Latinoamericano de Neurocirurgia, Santiago de Chile
October 10-15,1998 Chairman Conferencias Magistrales : Low-grade Gliomas and Functional Stereotactic
Neurosurgery
Neurological Neurosurgical Emergencies. Baltimore, Maryland
June 25-26,1999 Course Director.
2nd International Congress on Genetics in Neuroscience Terni (Italy)

July 2 – 5, 2000 Program Organizer
Update in Clinical Neurosciences. Baltimore, MD

June 22-23, 2001 Course Director.
Satellite Symposium : New advances in Neurological Surgery

June 21-22, 2002 Course Director.
3rd International Congress on Genetics and Regeneration in Neuroscience Terni (Italy)

June 22-26, 2002 Course Director.
Foundations and Frontiers in Adult Hydrocephalus. Baltimore, MD,

October 24-25, 2003 Course Director.
4th International Congress on Genetics and Regeneration in Neuroscience Terni (Italy)

Advisory Committees Laminectomy Advisory Committee Maryland Hospitals Association
1989 - 1990

RECOGNITION

Honors, Awards Alpha Omega Alpha Honor Medical Society
1991 Gold VA Pin Award, Baltimore VA Medical Center
1993 The Johns Hopkins Hospital Department of Neurosurgery Richard J. Otenasek, Jr. Faculty Teaching Award
1997 Italian Medical and Scientific Society Lifetime Achievement Award in Medicine and Science
2000

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Invited Talks, Panels March 13, 1987 - Cavernous malformations (angiomas), Neurology-Neurosurgery Grand
1 Rounds, Barrow Neurological Institute, Phoenix, Arizona
September 25, 1987 - Management of cerebral vasospasm, Neurology-Neurosurgery Grand
2 Rounds, University of Maryland Hospital, Baltimore, Maryland
January 29, 1988 - Subarachnoid Hemorrhage, Medical Grand Rounds, South Baltimore General
3 Hospital, Baltimore, Maryland
September 25-28, 1988 - Complications of Surgery for Vascular Malformations Including
4 AVMs, Cavernous Hemangiomas and Venous Angiomas, The Annual Meeting of the Congress
of Neurological Surgeons, Luncheon Seminar, Seattle, Washington
November 1, 1988 - Update on Neurovascular Diseases: A Surgeon's Perspective, Expanding
5 Horizons in Cerebrovascular Disease, University of Maryland Hospital
November 19, 1988 - Cerebral Vascular Malformations, Surgical Ground Rounds, University of
6 Maryland Hospital
December 15, 1988 - Aneurysm and Carotid Disease, University of Maryland Hospital, Stroke
7 and Stroke Rehabilitation Conference.
February 2, 1989 - Surgical versus Endovascular Treatment of Cerebral Arterio-Venous
8 Malformations, Maryland Neurological Society Meeting
March 15-17, 1989 - Current Medical Methodologies in Stroke Management, 5th National
9 Traumatic Brain Injury Symposium, Maryland Institute for Emergency Medical Services
Systems.
April 3, 1989 - Natural History of Cerebral Venous Malformations, Annual Meeting of the
10 American Association of Neurological Surgeons, Breakfast Seminar, Washington, D.C.
July 28, 1989 - Natural History of Cavernous Angiomas, Venous Angiomas and
11 Telangiectases, Neurology and Neurosurgery Grand Rounds, University of Arizona, Tucson
August 15, 1989 - Subarachnoid Hemorrhage, Physical Therapy Department, University of
12 Maryland Hospital

- October 27, 1989- Management of "Mycotic" Aneurysms, Neurology- Neurosurgery Grand
13 Rounds, University of Maryland Hospital
- October 30, 1989 - Perioperative Management of SAH, Luncheon Seminar - Congress of
14 Neurological Surgeons, Annual Meeting of the Congress of Neurological Surgeons, Atlanta,
Georgia, 1989
- November 14, 1989 - Management of Subarachnoid Hemorrhage, University of Maryland
15 Hospital, Medical Grand Rounds
- November 21, 1989 - Brain Tumors; Physical Therapy Department, University of Maryland
16 Hospital
- December 16, 1989 - Management of Grade III and IV Subarachnoid Hemorrhage. Surgical
17 Grand Rounds, University of Maryland Hospital
- January 26, 1990 - Spinal Epidural Abscesses, Diagnostic and Therapeutic Considerations
18 Neurology/Neurosurgery Grand Rounds, University of Maryland Hospital
- February 7, 1990 - Spinal Epidural Abscesses. Medicine Grand Rounds, University of
19 Maryland Hospital
- October 24, 1990 - Management of Incidental Vascular Lesions, Luncheon Seminar, Congress
20 of Neurological Surgeons, Annual Meeting, Los Angeles, California
- January 19, 1991 - Management of Cerebral Mycotic Aneurysms Surgical Grand Rounds,
21 University of Maryland Hospital
- March 16, 1991 - Surgical Management of Stroke. St. Joseph Hospital Symposium,
22 Baltimore, Maryland
- April 25, 1991 - Considerations in the Surgical Management of Brainstem Vascular
23 Malformations. Breakfast Seminar, American Association of Neurological Surgeons, Annual
Meeting. New Orleans, Louisiana
- October 28, 1991 - Decision Making for Vascular Malformations. Luncheon Seminar,
24 Congress of Neurological Surgeons, Annual Meeting, Orlando, Florida.
- December 6, 1991 - Stroke Conference Case Presentation (Discussion Leader), Department of
25 Neurology, University of Maryland Hospital
- March 4, 1992 - Intracranial Abscesses. Neurosurgical Grand Rounds, University of
26 Maryland Hospital.
- March 21, 1992 - Cerebellar Hemorrhages. Surgery Grand Rounds, University of Maryland
27 Hospital.
- April 11-16, 1992 - Cavernous Angioma (Natural History and Surgical Treatment). Breakfast
28 Seminar on Incidental Vascular Lesions, AANS Annual Meeting, San Francisco, California
- May 8-9, 1992 - CNS AVMS: The New Era. Harvard Medical School Department of
29 Continuing Education, John Hancock Conference Center, Boston, Massachusetts
- September 16, 1992, Impending Stroke - Symposium on Stroke - Hyatt Hotel, Baltimore, MD
30 Oct 31- Nov 5, 1992, Management of Incidental Vascular Lesion: To Operate or Not To
31 Operate. Breakfast seminar CNS - Annual Meeting, Washington, D.C
- Nov 6-7, 1992, Vascular Injuries in Head Trauma. Hemorrhage and Infarction, Curso
32 Internacional Traumatismo De Craneo Y Columna, Buenos Aires, Argentina
- Nov 7-8, 1992, Complications of Head Trauma - Hydrocephalus. Poroencephaly - CSF
33 Fistulas. Curso Internacional Traumatismo De Craneo Y Columna, Buenos Aires, Argentina
- March 20, 1993, Management of Arteriovenous Malformations. Surgery Grand Rounds
34 University of Maryland Hospital.
- April 24-29, 1993, The Challenge of Occult Vascular Malformation. Breakfast Seminar
35 American Association of Neurological Surgeons, 61st Annual Meeting, Boston, Massachusetts
- October 17-22, 1993, Familiar Cavernomas and Genetics. The 10th Annual International
36 Congress of Neurological Surgery, World Federation of Neurosurgical Societies, Annual
Meeting, Acapulco, Mexico
- October 30, 1993 - Occult Vascular Malformations, The Johns Hopkins Medical Institutions,
37 Surgical Grand Rounds, Baltimore, Maryland.

- January 9, 1994 - Aneurysms, The Osler Institute Neurology and Neurological Surgery Review
38 Course, Baltimore, Maryland
- January 14, 1994 - Emergency Management of Cerebral Vascular Hematomas, The Johns
39 Hopkins Medical Institutions, Emergency Medicine Grand Rounds, Baltimore, Maryland.
- February 13-15, 1994 - Rigamonti D: Stereotactic techniques for hematoma treatment.
40 Neurointensive Care Conference, Beaver Creek, Colorado.
- March 9, 1994 - Vascular Malformations Without Arteriovenous Shunts. Neurosurgical Grand
41 Rounds, The George Washington University, Washington, DC
- April 9-14, 1994 - Rigamonti D, Kondziolka D, Awad I: Occult vascular malformations.
42 Breakfast Seminar, American Association of Neurological Surgeons Annual Meeting
San Diego, California.
- June 10, 1994 - Vascular Malformations Without Arteriovenous Shunts. Neurosurgical Grand
43 Rounds, Jefferson Medical College, Philadelphia, Pennsylvania
- June 17, 1994 - Vascular Malformations without Arteriovenous Shunt. Malis Research Day
44 Symposium, Mt. Sinai Hospital and Medical Center, New York, New York
- August 10, 1994 - Mycotic Aneurysms. Neurosurgery Grand Rounds, The Johns Hopkins
45 University School of Medicine, Baltimore, Maryland.
- October 14, 1994 - Management of Mycotic Aneurysms. Cardiology Grand Rounds, The
46 Johns Hopkins Hospital, Baltimore, Maryland
- October 16-21, 1994 - Management of Cerebral Vasospasm. XXVI Congreso Latinoamericano
47 De Neurocirugia, Cartagena, Colombia
- October 16-21, 1994 - Ophthalmic Artery Aneurysm. XXVI Congreso Latinoamericano De
48 Neurocirugia, Cartagena, Colombia
- October 16-21, 1994 - Contemporary Medical Ethics. XXVI Congreso Latinoamericano De
49 Neurocirugia, Cartagena, Colombia
- October 16-21, 1994 - Ophthalmic Artery Aneurysm. XXVI Congreso Latinoamericano De
50 Neurocirugia, Cartagena, Colombia.
- November 10, 1994 - Hypertensive Intracerebral Hemorrhage. Washington County Hospital,
51 Accredited Continuing Education Program, Hagerstown, Maryland
- March 18, 1995 - Management of Subarachnoid Hemorrhage. Department of Surgery
52 Continuing Medical Education Conference, Harbor Medical Center, Baltimore, Maryland
- March 18, 1995 - Vascular Neurosurgery and Endovascular Procedures: A review
53 Neurosurgery Grand Rounds, Johns Hopkins Hospital, Baltimore, Maryland
- June 28, 1995 - Vascular Malformations: Genetics and Pathogenesis. Harvard Medical School
54 Neurovascular Symposium, Boston, Massachusetts
- June 29, 1995 - Radiosurgery of AVM's: A comparison between Gamma Knife and LINAC
55 Harvard Medical School Neurovascular Symposium, Boston, Massachusetts
- October 16, 1995 - Management of Occult Vascular Lesions. 45th Annual Congress of
56 Neurological Surgeons, San Francisco, California
- April 19, 1996 - A longitudinal study of 53 patients with venous malformations:
57 Documentation of a benign natural history, University of Maryland, Baltimore, Maryland.
- September 28-October 3, 1996 - Pregnancy and Vascular Malformations. 46th Annual
58 Congress of Neurological Surgeons, Montreal, Quebec, Canada.
- October 30, 1996 - Pregnancy and Vascular Malformations. Neurosurgical Grand Rounds
59 Johns Hopkins Hospital, Baltimore, Maryland.
- November 9, 1996 - Spinal Epidural Abscess. Grand Rounds. Johns Hopkins Hospital,
60 Baltimore, Maryland.
- February 5, 1997 - Cavernous Malformations. 2nd Annual Meeting, Joint Vascular Session of
61 ADNS and CNS, Anaheim, California
- July 6 - 11, 1997 - Symposium on Cavernous Malformations. 11th International Congress of
62 Neurological Surgery, Amsterdam, Netherlands.
- September 27-October 2, 1997 Brainstem Vascular Malformations. 47th Annual Meeting of the

- 63 CNS, New Orleans, Louisiana
February 2-5 1998 Management of Cavernous malformations First Annual Meeting of the
- 64 joint Cerebrovascular section of the AANS-CNS and ASITIN Orlando ,FL
February 20,1998 Management of aneurysmal SAH. Physical Medicine Grand Rounds Sinai
- 65 Hospital, Baltimore
June 29,1998 Cerebral Vascular Malformations. 1st International Congress Genetics in
- 66 Neuroscience. Terni (Italy) June 28-July 1, 1998
June 29, 1998 Epidemiology and Clinical Overview of Vascular Malformations.1st
- 67 International Congress Genetics in Neuroscience. Terni (Italy) June 28-July 1, 1998
June 30,1998 Skeletal Dysplasias: Epidemiology and Clinical Review.1st International
- 68 Congress Genetics in Neuroscience. Terni (Italy) June 28-July 1, 1998
October 5, 1998 Brainstem vascular malformations. 48th Annual Meeting of the Congress of
- 69 Neurological Surgeons. Seattle,WA October 3-8,1998
October 12, 1998 Surgical treatment of Posterior Fossa AVMs. 28th Congreso Latinoamericano
- 70 de Neurocirurgia, Santiago de Chile October 10-15,1998
October 13, 1998 Cavernomas: Surgery or not? 28th Congreso Latinoamericano de
- 71 Neurocirurgia, Santiago de Chile October 10-15,1998
October 13, 1998 Genetics and Natural History of Cavernomas. 28th Congreso
- 72 Latinoamericano de Neurocirurgia, Santiago de Chile October 10-15,1998
April 26,1999 discussion on the Paper "Positional Cloning of CCM1.." Annual AANS
- 73 Meeting :New Orleans,LA April 24-29,1999
April 27,1999 Management of Cavernous angiomas. Annual AANS Meeting :New Orleans,LA
- 74 April 24-29,1999
May 17,1999 Achondroplasia: Neurosurgical Management 13th Annual Scientific Meeting of
- 75 the Turkish Neurosurgical Society Istanbul,Turkey May 17-19, 1999
May 17, 1999 Hemangioblastomas and Von Hippel Lindau: Neurosurgical Management 13th
- 76 Annual Scientific Meeting of the Turkish Neurosurgical Society Istanbul,Turkey
May 18, 1999 New Concepts on Capillary Telangiectasias and Developmental Venous
- 77 Anomalies 13th Annual Scientific Meeting of the Turkish Neurosurgical Society
Istanbul,Turkey May 17-19, 1999
June 11,1999 Achondroplasia: Neurosurgical Management Johns Hopkins Medical and
- 78 Surgical Biennial Meeting. Baltimore MD June 10-11, 1999
January 20,2000 Capillary Telangiectasias. Neurosurgical Grand Rounds Johns Hopkins
- 79 February 7,2000 Diagnosis and management of Cavernous malformations Joint meeting of the
- 79 cerebrovascular Section of the AANS & CNS New Orleans,LA February 6-9,2000
February 2-3, 2001 Codman Meeting on Normal Pressure Hydrocephalus San Diego, California
- 80 February 15,2001 Genetics of Cavernous Malformations ASA Fort Lauderdale,FL February 14-16,2001
- 81 April 23,2001 AANS Meeting Toronto, Ontario, Canada April 21-26,2001
- 82 The Johns Hopkins Medical and Surgical Association Baltimore, Maryland June 7-10,2001
- 83 ADPKD and IC Aneurysms World Congress of Nephrology San Francisco, California October 13-17,2001
- 84 Beyond Residency-The Real World Baltimore, Maryland November 17,2001
- 85 Cerebrovascular Emergencies.Occult intracranial Malformations.Johns Hopkins University September 18, 2002
- 86 Natural History of Cavernous Malformations:Annual Meeting AANS San Diego April 26-May 1 2003
- 87 Treatment Dilemmas: Cavernous Malformations:Annual Meeting AANS San Diego April 26-May 1 2003
- 88 Radiosurgery: future challenges:Hopkins Biennial Meeting Baltimore May 1-2 2003
- 89 Modern Neurosurgical Approach to Aneurysms, Cavernomas and AVMs:
International Congress on Stroke Spoleto May 5-8 , 2003
- 90 Pros and Cons of different shunts, valves and shunt locations. Foundations and Frontiers in Adult Hydrocephalus
Baltimore ,MD,October 24-25, 2003
- 91 Overview of shunt surgery and complications.Foundations and Frontiers in Adult Hydrocephalus
Baltimore ,MD,October 24-25, 2003
- 92 Changing concepts of the NPH Model of Care.Foundations and Frontiers in Adult Hydrocephalus

- Baltimore ,MD,October 24-25, 2003
- 93 New concepts in NPH Annual Meeting of the Israel Neurosurgical Society Mitzpeh Ramon, Israel
January 28-30,2004
- 94 Management of Posterior Fossa Cavernomas:Annual Meeting of the Israel Neurosurgical Society
Mitzpeh Ramon, Israel January 28-30, 2004
- 95 Hydrocephalus: a new practice model. ACI Boston, MA April 1-2, 2004
Treatment Dilemmas: Cavernous Malformations:Annual Meeting AANS Orlando May 1-6, 2004
- 96 Hydrocephalus. Surgical Grand Rounds Johns Hopkins June 17,2004
- 97 Advances in Stereotactic Radiosurgery. Hospital del Trabajador. Santiago, Chile. November 29, 2004
- 98 Stereotactic Radiosurgery at Hopkins. Clinica Alemana, Santiago,Chile. November 29, 2004
- 99 Cavernomas:basic science and clinical applications. XLVII Congress of the Neurosurgical Society of
100 Chile, Vina del Mar, Chile. December 1-4,2004
- 101 AVMs clinical problems and management issues: a Review. XLVII Congress of the Neurosurgical
Society of Chile, Vina del Mar, Chile. December 1-4,2004
- 102 Hydrocephalus: basic clinical and basic science. XLVII Congress of the Neurosurgical Society
of Chile, Vina del Mar, Chile. December 1-4,2004
- 103 Acoustic Neuroma: Management Issues. AN Maryland Association Baltimore April 10, 2005
Neurosurgical aspects of Achondroplasia: XI Congress of the Brazilian Academy of Neurosurgery
- 104 Campos do Jordao, San Paulo November 1-5, 2005
- 105 NPH Surgical Treatment:XI Congress of the Brazilian Academy of Neurosurgery
Campos do Jordao, San Paulo November 1-5, 2005
- 106 Radiosurgical Treatment of Brain metastases: XI Congress of the Brazilian Academy of Neurosurgery
Campos do Jordao, San Paulo November 1-5, 2005
- 107 Stereotactic Radiosurgery for Vestibular Schwannoma: Neuro-otology Conference Johns Hopkins
Hospital March, 17 2006
- 108 Delayed Shunt Obstruction:Nuclear Medicine Conference.Johns Hopkins Hospital August 9, 2006
Management of Pituitary Adenomas.Radiation Oncology Grand Rounds. Johns Hopkins Hospital,10/16/2006
- 109 You Can Observe a Lot just By Watching Lessons From a Combined Neurosurgery/ Neurology
Clinical Care and Research Program for Adult Hydrocephalus. Neurosurgery Grand Rounds
University of Michigan, November 10, 2006
- 110 Objective assessment of upper motor function in Normal Pressure Hydrocephalus
International Hydrocephalus Workshop. May 17-20, 2007 Rhodes, Greece
- 111 Management of Intracranial Metastases. June 29, 2007. San Salvador , El Salvador
Shunt rules. Neurosurgery Grand rounds. August 9, 2007
- 112 Rhe role of Radiosurgery in the management of cerebral metastases. October 1, 2007 Tawam Hospital
Al Ain ,UAE
- 113 Rhe role of Radiosurgery in the management of AVMs. October 1, 2007 Tawam Hospital
Al Ain ,UAE
- 114 The management of Adult Hydrocephalus.October 1, 2007 Tawam Hospital
Al Ain ,UAE
- 115 Adult Hydrocephalus. Johns Hopkins Hospital Neurosurgical Grand Rounds. October 11, 2007
- 116 Angiographically occult vascular malformations. Neuroradiology Review Course. October 15, 2007
Johns Hopkins Hospital
- 117 Adult Hydrocephalus 13th Peruvian Neurosurgery Congress, Lima October 30 -November 3, 2007.
- 118 Management of Vestibular Schwannomas 13th Peruvian Neurosurgery Congress
Lima October 30 -November 3, 2007.
- 119 Management of large AVMs and Cavernomas. 13th Peruvian Neurosurgery Congress
Lima October 30 -November 3, 2007.
- 120 Update in Adult Hydrocephalus. XII Congress of the Brasilian Academy of Neurosurgery
Brasilia November 19-23, 2007
- 121 Management of cavernoma. Neurosurgery and Neurology Grand Rounds University of Mississippi
January 16,2008

- 122 The Pseudotumor Cerebri Syndrome. Neurosurgery Grand Rounds. Johns Hopkins Hospital
January 24,2008
- 123 Adult hydrocephalus. Geriatric Medicine Grand Rounds. Johns Hopkins Bayview Medical Center
- 124 Update in the management of Vestibular Schwannomas. Johns Hopkins Hospital
ENT Grand Rounds February 25, 2008
- 125 Management of cerebral metastases; Hopkins experience. Johns Hopkins Hospital
Neurosurgery Grand Rounds August 28, 2008
- 126 Vestibular Schwannomas: the role of Radiosurgery Johns Hopkins Hospital Neurosurgery
Grand Rounds December 11,2008
- 127 Radiosurgical management of cavernous sinus meningiomas: 7th International neuro-oncology
Updates Baltimore September 2008
- 128 Radiosurgical management of vestibular schwannomas: 7th International neuro-oncology
Updates Baltimore September 2008
- 129 INPH :23th Scientific Congress of Turkish Neurosurgical Society. Cyprus 2009
- 130 The future of Neurosurgery:23th Scientific Congress of Turkish Neurosurgical Society. Cyprus 2009
- 131 Radiosurgical management of vestibular schwannomas:23th Scientific Congress of Turkish
Neurosurgical Society. Cyprus 2009
- 132 Shunt Issues: Neurosurgery Grand Rounds August 13, 2009
- 133 Management of INPH. WSSFN Annual Meeting Toronto 2009
- 134 The importance of careful Patient selection in the treatment of NPH. Luncheon Seminar
CNS Annual Meeting New Orleans October 2009
- 135 Shunt Infection Eradication: a state of mind. NUS Nurses Conference Feb 2010
- 136 PTCSyndrome: Neurosurgery Grand Rounds July 29,2010
- 137 Indication and management of externalized shunt. NUS Nurses Conference Sept 2010
- 138 INPH:facts and Controversies.Aesculap Academie INPH course Berlin September 28-29 , 2010
- 139 Management of INPH and PTCS Luncheon Seminar CNS Annual Meeting San Francisco 2010

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Academic year

