

CURRICULUM VITAE

Name: Akio Morita, M.D., Ph.D. Male, 60 (DOB: 1957/07/23)

Nationality: Japanese

Education:

March 1982 Graduate from University of Tokyo, Faculty of Medicine

Faculty:

May 1982-March 1989: Clinical and research assistant in the Department of Neurosurgery, the University of Tokyo Hospital

July 29, 1988: Japanese Board of Neurological surgeon

April 1989-December 1990: Clinical Fellowship in the Department of Neurosurgery, Mayo Clinic (Director; Prof. T M Sundt Jr.)

January 1991-March 1995: Resident fellow in the Department of Neurosurgery, Mayo Clinic (Director; Prof. D G Piepgras)

April 1995-December 1995: Skull base Fellow/Instructor in the Department of Neurosurgery, George Washington University (Director; Prof. LN. Sekhar)

January, 1996-June, 1996: Chief Resident Associate in Neurosurgery, Mayo Clinic

July, 1996-December, 1996: Stereotactic and Radiosurgery Fellow at the Mayo Clinic (Director: Prof. Robert J. Coffey)

January, 1997-May, 1997 Director of Neurosurgery at the Teraoka Memorial Hospital, Hiroshima, Japan

June, 1997 Visiting Fellow for Endoscope Assisted & Minimally Invasive Surgery at the Department of Neurosurgery, University of Mainz, Germany (Director: Prof. A Pernecky)

June, 1997-Aug.31, 1998: Assistant Professor at the Department of Neurological Surgery, George Washington University
Co-Director Spine Center
George Washington University Medical Center

Sept.1, 1998- May15, 2001: Assistant professor, Director of Neurosurgery ward
Department of Neurosurgery, University of Tokyo
(Chairman: Takaaki Kirino, MD, PhD)

May 16, 2001-March 31, 2006 Associate Professor

Department of Neurosurgery, University of Tokyo
April 1, 2006-Dec.2012: Director, Department of Neurosurgery & Stroke Unit
NTT Medical Center Tokyo

Jan. 1, 2013-Current: Professor and Chairman, Department of Neurological Surgery Nippon Medical School, Graduate School of Medicine

Visiting Professor:

June 2001 Massachusetts General Hospital Neurosurgery & Neurology Ground rounds

May, 2002 Mayo Graduate School of Medicine

June 2007 Harbor view Medical Center, University of Washington, Department of Neurosurgery

July 2013 University of Washington, Department of Neurosurgery

June, 2013 Dept. of Neurosurgery, Geneva University Hospital

Social Activities and Members:

Member and executive staff for multiple national and international societies in the field of neurosurgery and neurosurgical science.

Oct. 2015- Board Member of Japan Neurosurgical Society

Aug. 2017- Assistant Secretary of World Federation of Neurosurgical Societies

Publications:

Over 200 peer reviewed journal publications and textbooks including 2 articles in New England Journal of Medicine and 1 in Lancet Neurology. Total Impact factors: 590



Bibliography:

A: Original articles (English)

1. Morita A, Fukushima T, Miyazaki S, Shimizu T, Tauscher M: Tic douloureux caused by primitive trigeminal artery or its variant. **J Neurosurg** 70: 415-419, 1989
2. Morita A, Ebersold MJ, Olsen KD, Foote RL, Lewis JE, Quast LM: Esthesioneuroblastoma: Prognosis and Management. **Neurosurgery** 32: 706-715,1993
3. Foote RL, Morita A, Ebersold MJ, Olsen KD, Lewis JE, Quast LM, Ferguson JA, O'Fallon WM: Esthesioneuroblastoma: The role of adjuvant radiation therapy. **Int J Rad On Biol Phys** 27: 835-842,1993
4. Lewis JE, Morita A, Ebersold MJ: Grading and prognosis of olfactory neuroblastoma. **Mod Pathol** 6: 82A,1993
5. Morita A, Kelly PJ: Resection of Intraventricular Tumors via a Computer-assisted Volumetric Stereotactic Approach. **Neurosurgery** 32: 920-927,1993
6. Morita A, Meyer FB, Nicholas DA, Patterson MC: Childhood Dural Arteriovenous Fistulae in the Posterior Dural Sinuses. Three case reports and literature review. **Neurosurgery** 37: 1193-1200,1995
7. Morita A, Ebersold MJ, Olsen KD, Quast LM: Combined neurootological management of glomus jugular tumor: Long term follow-up. **Clinical Neurology and Neurosurgery** 99:189-, 1997)ABS
8. Morita A, Sekhar LN: Reconstruction of Vein of Labbe using Saphenous Vein Graft. **J Neurosurg.** 89: 671-675,1998
9. Morita A, Meyer FB, Laws ER: Symptomatic Pituitary Metastasis **J. Neurosurg.** 89: 69-73,1998
10. Morita A, Coffey RJ, Foote RL, Schiff D, Gorman D: Benefit and risks of Gamma Knife radiosurgery for skull base meningiomas. **J. Neurosurg.** 90: 42-49, 1999
11. Nishihara T, Teraoka A, Morita A, Ueki K, Takai K, Kirino T.:A transparent sheath for endoscopic surgery and its application in surgical evacuation of spontaneous intracerebral hematomas. **J Neurosurg** 92:1053-1055,2000
12. Tsutsumi K, Ueki K, Morita A, Kirino T: Risk of rupture for incidental cerebral aneurysm. **J Neurosurg** 93: 550-553,2000
13. Shin M, Kurita H, Sasaki T, Tago M, Morita A, Ueki K, Kirino T: Stereotactic radiosurgery for pituitary adenoma invading the cavernous sinus. **J Neurosurg** (Suppl 3) 93: 2-5,2000
14. Tsutsumi K, Ueki K, Morita A, Usui M, Kirino T: Risk of Aneurysm Recurrence in patients with Clipped Cerebral Aneurysms Results of Long-term Follow-Up Angiography. **Stroke** 32: 1191-1194,2001
15. Shin M Kurita H, Sasaki T, Kawamoto S, Tago M, Kawahara N, Morita A, Ueki K, Kirino T: Analysis of treatment outcome after stereotactic radiosurgery for cavernous sinus meningiomas. **J Neurosurg** 95: 435-439,2001
16. Friedman JA, Piepgras DG, Duke DA, McClelland RL, Bechtle PS, Maher CO, Morita A, Perkins WJ, Parisi JE, Brown RD Jr.: Remote cerebellar hemorrhage after supratentorial surgery. **Neurosurgery** 49: 1327-1340,2001
17. Shin M, Kawamoto S, Kurita H, Tago M, Sasaki T, Morita A, Ueki K, Kirino T: Retrospective analysis of a 10-year experience of stereotactic radiosurgery for arteriovenous malformations in children and adolescents, **J Neurosurg** 97: 779-784,2002
18. Sekhar LN, Chanda A, Morita A.:The preservation and reconstruction of cerebral veins and sinuses. **J Clin Neurosci.** 9(4):391-9,2002
19. Shin M, Maruyama K, Kurita H, Kawamoto S, Tago M, Terahara A, Morita A, Ueki K, Takakura K, Kirino T: Analysis of nidus obliteration rates after gamma knife surgery for arteriovenous malformations based on long-term follow-up data: the University of Tokyo experience. **J Neurosurg** 101:18-24,2004
20. Morita A, Okada Y, Kitano M, Hori T, Taneda M, Kirino T: Development of Hybrid Integrated Endoscope-holder System for Endoscopic Microneurosurgery. **Neurosurgery** 55: 926-32,2004
21. Asai D, Katopo S, Arata J, Warisawa S, Mitsuishi M, Morita A, Sora S, Kirino T, Mochizuki R: Micro-Neurosurgical System in the Deep Surgical Field, in Barillot C, Haynor DR, Hellier P (eds): **MICCAI 2004,LNCS 3217**. Berlin, Heiderberg, Springer-Verlag, 2004, pp 33-40.
22. Shojima M, Oshima M, Takagi K, Torii R, Hayakawa M, Katada K, Morita A, Kirino T.: Magnitude and Role of Wall Shear Stress on Cerebral Aneurysm. Computational Fluid Dynamic Study of 20 Middle Cerebral Artery Aneurysms. **Stroke** 35: 2500-2505,2004

23. Maruyama K, Shin M, Kurita H, Kawahara N, Morita A, Kirino T: Proposed Treatment Strategy for Cavernous Sinus Meningiomas: A Prospective Study. **Neurosurgery** 55:1068-1075,2004
24. Maruyama K, Kawahara N, Shin M, Tago M, Kishimoto J, Kurita H, Kawamoto S, Morita A, Kirino T: The Risk of Hemorrhage from Cerebral Arteriovenous Malformations Treated with Radiosurgery. **N Engl J Med** 352:146-153, 2005
25. Maruyama K, Shin M, Tago M, Kurita H, Kawamoto S, Morita A, Kirino T: Gamma knife surgery for arteriovenous malformations involving the corpus callosum. **J Neuorsurg(Suppl)** 102: 49-52, 2005
26. Kamada K, Sawamura Y, Takeuchi F, Kawaguchi H, Kuriki S, Todo T, Morita A, Masutani Y, Aoki S, Kirino T Functional Identification of the Primary Motor Area by Corticospinal Tractography. **Neurosurgery** 56(ONS suppl 1):ons98-ons109, 2005
27. Morita A, Fujiwara S, Hashi K, Ohtsu H, Kirino T: The risk of rupture of unruptured cerebral aneurysms in the Japanese population: A systematic review of the literature from Japan. **J Neurosurg** 102:601-606, 2005
28. Kamada K, Todo T, Masutani Y, Aoki S, Kirino T, Morita A: Combined utilization of tractography-integrated functional neuronavigation and direct fiber stimulation. **J Neurosurg** 102:664-672,2005
29. Kamada K, Todo T, Morita A, Masutani Y, Aoki S, Ino K, Kawai K, Kirino T: Functional monitoring for visual pathway using real-time visual evoked potentials and optic-radiation tractography. **Neurosurgery** 57:121-127; discussion 121-127, 2005
30. Morita A, Sora S, Mitsuishi M, Warisawa S, Surman K, Asai D, Baba S, Mochizuki R, Kirino T: Microsurgery robotic system for the deep surgical field. Development and feasibility study in animal and cadaveric models. **J Neurosurg** 103:320-327,2005
31. Shojima M, Oshima M, Takagi K, Torii R, Nagata K, Shirouzu I, Morita A, Kirino T.: Role of the Bloodstream Impacting Force and the Local Pressure Elevation in the Rupture of Cerebral Aneurysms. **Stroke**.36:1933-8 2005
32. Morita A, Shin M, Sekhar LN, Kirino T: Endoscopic microneurosurgery: Consecutive experience of 210 cases and cost-utility analysis. **Neurosurgery** 58:315-321, 2006
33. Shojima M, Oshima M, Takagi K, Hayakawa M, Katada K, Morita A, Kirino T: Numerical simulation of the intra-aneurysmal flow dynamics. **Interv Neuroradiol**. 2006;12(Suppl 1):49-52.
34. Kamada K, Takeuchi F, Kuriki S, Todo T, Morita A, Sawamura Y: Dissociated expressive and receptive language functions on magnetoencephalography, functional magnetic resonance imaging, and amobarbital studies. Case report and review of the literature. **J Neurosurg**104:598-607, 2006
35. Maruyama K, Shin M, Tago M, Kurita H, Kawahara N, Morita A, Saito N: Management and outcome of hemorrhage after Gamma Knife surgery for arteriovenous malformations of the brain. **J Neurosurg** (Suppl) 105: 52-57,2006
36. Kamada K, Todo T, Masutani Y, Aoki S, Ino K, Morita A, Saito N. :Visualization of the frontotemporal language fibers by tractography combined with functional magnetic resonance imaging and magnetoencephalography. **J Neurosurg**. 106:90-8,2007
37. Kamada K, Sawamura Y, Takeuchi F, Kuriki S, Kawai K, Morita A, Todo T.Expressive and receptive language areas determined by a non-invasive reliable method using functional magnetic resonance imaging and magnetoencephalography. **Neurosurgery**. 60:296-305; discussion 305-6, 2007.
38. Maruyama K, Shin M, Tago M, Kishimoto J, Morita A, Kawahara N. Radiosurgery to reduce the risk of first hemorrhage from brain arteriovenous malformations .**Neurosurgery**. 60):453-8; discussion 458-9.,2007
39. Natarajan SK, Sekhar LN, Schessel D, Morita A. Petroclival meningiomas: multimodality treatment and outcomes at long-term follow-up. **Neurosurgery**. 60:965-79; discussion 979-81, 2007
40. Nishihara T, Morita A, Teraoka A, Kirino T.:Endoscopy-guided removal of spontaneous intracerebral hemorrhage: comparison with computer tomography-guided stereotactic evacuation. **Childs Nerv Syst**. 23:677-83, 2007
41. Nozaki K, Okubo C, Yokoyama Y, Morita A, Akamatsu R, Nakayama T, Fukuhara S, Hashimoto N. Examination of the effectiveness of DVD decision support tools for patients with unruptured cerebral aneurysms. **Neurol Med Chir (Tokyo)**. 47:531-6; discussion 536., 2007
42. Kamada K, Sawamura Y, Takeuchi F, Kawaguchi H, Kuriki S, Todo T, Morita A, Masutani Y, Aoki S, Kirino T.Functional identification of the primary motor area by corticospinal tractography. **Neurosurgery**.

- 61(1 Suppl):166-76; discussion 176-7.,2007
43. Takahashi,H., Yonemura,T., Sugita,N., Mitsuishi,M., Sora,S., Morita,A, Mochizuki,R., “Master Manipulator with Higher Operability Designed for Micro Neuro Surgical System,” **Proceedings of IEEE International Conference on Robotics and Automation(ICRA’08)**, pp. 3902-3907, 2008.
 44. Mitsuishi M, Sugita N, Baba S, Takahashi H, Morita A, Sora S, Mochizuki R: A Neurosurgical Robot for the Deep Surgical Field Characterized by an Offset-Type Forceps and Natural Input Capability **Proceedings of the 39th International Symposium on Robotics (ISR08)** 915-920,2008
 45. Ushio M, Iwasaki S, Chihara Y, Kawahara N, Morita A, Saito N, Murofushi T. Is the nerve origin of the vestibular schwannoma correlated with vestibular evoked myogenic potential, caloric test and auditory brainstem response? **Acta Otolaryngol** 26:1-6,2008
 46. Ueta T, Yamaguchi Y, Shirakawa Y, Nakano T, Ideta R, Noda Y, Morita A, Mochizuki R, Sugita N, Mitsuishi M, Tamaki Y: Robot-Assisted Viteroretinal Surgery **Ophthalmology** 116:1538-1543,2009
 47. Koga T, Morita A, Maruyama K, Tanaka M, Ino Y, Shibahara J, Louis DN, Reifenger G, Itami J, Jara R, Saito N, Todo T: Long-tem control of disseminated pleomorphic xanthoastrocytoma with anaplastic features by means of stereotactic irradiation. **Neuro Oncol** 11:46-51, 2009
 48. Kimura T, Morita A, Nishimura K, Aiyama H, Itoh H, Fukaya S, Sora S, Ochiai C: Simulation of and training for Cerebral Aneurysm Clipping with 3-Dimensional Models. **Neurosurgery** 65:719-726,2009
 49. Shojima M, Nemoto S, Morita A, Miyata T, Namba K, Tanaka Y, Watanabe E.: Protected endovascular revascularization of subacute and chronic total occlusion of the internal carotid artery. **AJNR Am J Neuroradiol.** 2010 Mar;31(3):481-6.
 50. Shojima M, Nemoto S, Morita A, Oshima M, Watanabe E, Saito N: Role of shear stress in the blister formation of cerebral aneurysms. **Neurosurgery.** 2010 Nov;67(5):1268-74; discussion 1274-5.
 51. Kunii N, Ota T, Kin T, Kamada K, Morita A, Kawahara N, Saito N: Angiographic classification of tumor attachment of meningiomas at the cerebellopontine angle **World Neurosurgery** 75.:, 1: 114-121, 2011
 52. Kimura T, Morita A, Shirouzu I, Sora S: Preoperative evaluation of unruptured cerebral aneurysms by fast imaging employing steady-state acquisition image. **Neurosurgery** 69:412-420,2011
 53. Ito H, Kimura T, Sameshima T, Aiyama H, Nishimura K, Ochiai C, Morita A.: Reinforcement of pericranium as a dural substitute by fibrin sealant. **Acta Neurochir (Wien).** 153(11):2251-4.,2011
 54. Katsura M, Morita A, Horiuchi H, Ohtomo K, Machida T. IgG4-related inflammatory pseudotumor of the trigeminal nerve: another component of IgG4-related sclerosing disease? **AJNR Am J Neuroradiol.** 2011 Sep;32(8):E150-2. doi: 10.3174/ajnr.A2256. Epub 2010 Sep 23. PubMed PMID: 20864523.
 55. Harada K, Minakawa Y, Baek Y, Kozuka Y, Sora S, Morita A, Sugita N, Mitsuishi M: Microsurgical skill assessment: toward skill-based surgical robotic control. **Conf Proc IEEE Eng Med Biol Soc.** 2011;2011:6700-3.
 56. Takahashi T, Baek Y.M, Sugita N, Morita A, Sora S, Mochizuki R, Mitsuishi M: Design and Use of a Master Manipulator for a Micro-neurosurgical System Based on Motion Analysis, **International Journal of Biomechanics and Biomedical Robotics (IJBBR)**, 2011, in press.
 57. Yonemura T, Kozuka Y, Baek Y.M, Sugita N, Morita A, Sora S, Mochizuki R, Mitsuishi M:Comparison of pose correspondence methods of master-slave manipulators for neurosurgical robotic system, **International Journal of Automation Technology**, Vol.5, No.5, pp.738-745, 2011.
 58. Mitsuishi M, Morita A, Sugita N, Sora S, Mochizuki R, Tanimoto K, Baek YM,Takahashi H, Harada K.: Master-slave robotic platform and its feasibility study for micro-neurosurgery. **Int J Med Robot.** 2012 May 16. doi: 10.1002/rcs.1434. [Epub ahead of print]
 59. The UCAS Japan Investigators (Morita A, Kirino T, Hashi K, Aoki N, Fukuhara S, Hashimoto N, Nakayama T, Sakai M, Teramoto A, Tominari S, Yoshimoto T; writing committee, Morita A; correspondence author): The Natural Course of Unruptured Cerebral Aneurysms in a Japanese Cohort. **New Engl J Med** 366: 2474-82, 2012 <http://www.nejm.org/doi/full/10.1056/NEJMoa1113260>
 60. Yamaoka Y, Ichikawa Y, Kimura T, Sameshima T, Morita A: A Novel Method for Transcranial Doppler Microembolic Signal Monitoring at the Vertebrobasilar Junction in Vertebral Artery Dissection Patinets. **J Neuroimaging** 2014 Mar-Apr;24(2):191-4. 2012 Dec 10. doi: 10.1111/j.1552-6569.2012.00749.x. [Epub ahead of print]
 61. Saito M, Takahashi Y, Yoshimura Y, Sima A, Morita A, Houkin K, Nakayama T, Nozoaki K: Inadequate Communication Between Patients With Unruptured Cerebral Aneurysms and Neurosurgeons **Neurol**

- Med Chir** (Tokyo) 52: 873-877, 2012
62. Shibahashi K, Morita A, Kimura T: Surgical Results of Microvascular Decompression Procedures and Patient's Postoperative Quality of Life: Review of 139 Cases. **Neurol Med Chir** 53: 360-364, 2013
 63. Mitsuishi M, Morita A, Sugita N, Sora S, Mochizuki R, Tanimoto K, Baek YM, Takahashi H, Harada K. Master-slave robotic platform and its feasibility study for micro-neurosurgery. **Int J Med Robot**. 2013 Jun;9(2):180-9. doi: 10.1002/rcs.1434. Epub 2012 May 16. PubMed PMID: 22588785.
 64. Kokubo R, Kim K, Mishina M, Isu T, Kobayashi S, Yoshida D, Morita A. Prospective assessment of concomitant lumbar and chronic subdural hematoma: is migration from the intracranial space involved in their manifestation? **J Neurosurg Spine**. 2014 Feb;20(2):157-63. 2013 Nov 29. [Epub ahead of print] PubMed PMID: 24286531.
 65. Kim K, Isu T, Chiba Y, Morimoto D, Ohtsubo S, Kusano M, Kobayashi S, Morita A. The usefulness of ICG video angiography in the surgical treatment of superior cluneal nerve entrapment neuropathy: technical note. **J Neurosurg Spine**. 2013 Nov;19(5):624-8. doi: 10.3171/2013.7.SPINE1374. Epub 2013 Sep 20. PubMed PMID: 24053371.
 66. Matthies C, Brill S, Kaga K, Morita A, Kumakawa K, Skarzynski H, Claassen A, Hui Y, Chiong C, Müller J., Behr R: Auditory Brainstem Implantation Improves Speech Recognition in Neurofibromatosis Type II Patients **ORL** 75:282-295, 2013
 67. Greving JP, Wermer MJ, Brown RD Jr, Morita A, Juvela S, Yonekura M, Ishibashi T, Torner JC, Nakayama T, Rinkel GJ, Algra A. Development of the PHASES score for prediction of risk of rupture of intracranial aneurysms: a pooled analysis of six prospective cohort studies. **Lancet Neurol**. 2014 Jan;13(1):59-66. doi: 10.1016/S1474-4422(13)70263-1. Epub 2013 Nov 27. PubMed PMID: 24290159.
 68. Sameshima T, Morita A, Tanikawa R, Fukushima T, Friedman AH, Zenga F, Ducati A, Mastronardi L. Evaluation of variation in the course of the facial nerve, nerve adhesion to tumors, and postoperative facial palsy in acoustic neuroma. **J Neurol Surg B Skull Base**. 2013 Feb;74(1):39-43. doi: 10.1055/s-0032-1329625. Epub 2012 Nov 26. PubMed PMID: 24436886; PubMed Central PMCID: PMC3699166.
 69. Morita A, Sameshima T, Sora S, Kimura T, Nishimura K, Itoh H, Shibahashi K, Shono N, Machida T, Hara N, Mikami N, Harihara Y, Kawate R, Ochiai C, Wang W, Oguro T. Development of a New Compact Intraoperative Magnetic Resonance Imaging System: Concept and Initial Experience. **Neurosurgery**. 2014 Jun;10 Suppl 2:220-9; discussion 229-30. doi: 10.1227/NEU.0000000000000304. PubMed PMID: 24476907.
 70. Murai Y, Mizunari T, Koketsu K, Tateyama K, Kobayashi S, Umeoka K, Teramoto A, Morita A. Target-controlled infusion technique with indocyanine green videoangiography for radial artery graft. **Clin Neurol Neurosurg**. 2014 Apr;119:70-4. doi: 10.1016/j.clineuro.2014.01.015. Epub 2014 Jan 31. PubMed PMID: 24635929.
 71. Tamaki T, Node Y, Saitoum N, Saigusa H, Yamazaki M, Morita A. Vernet's Syndrome After Carotid Endarterectomy. **Perspect Vasc Surg Endovasc Ther**. 2013 Dec;25(3-4):65-8. doi: 10.1177/1531003514525476. PubMed PMID: 24625858.
 72. Baek YM, Tanaka S, Harada K, Sugita N, Morita A, Sora S, Mitsuishi M.:Robust Visual Tracking of Robotic Forceps Under a Microscope Using Kinematic Data Fusion **IEEE/ASME Transactions on Mechatronics** (Impact Factor: 3.14). 01/2014; 19(1):278-288, DOI:10.1109/TMECH.2012.2230402
 73. Etminan N, Beseoglu K, Barrow DL, Bederson J, Brown RD Jr, Connolly ES Jr, Derdeyn CP, Hänggi D, Hasan D, Juvela S, Kasuya H, Kirkpatrick PJ, Knuckey N, Koivisto T, Lanzino G, Lawton MT, LeRoux P, McDougall CG, Mee E, Mocco J, Molyneux A, Morgan MK, Mori K, Morita A, Murayama Y, Nagahiro S, Pasqualin A, Raabe A, Raymond J, Rinkel GJ, Rüfenacht D, Seifert V, Spears J, Steiger HJ, Steinmetz H, Torner JC, Vajkoczy P, Wanke I, Wong GK, Wong JH, Macdonald RL.: Multidisciplinary consensus on assessment of unruptured intracranial aneurysms: proposal of an international research group. **Stroke**. 2014 May;45(5):1523-30. doi: 10.1161/STROKEAHA.114.004519. Epub 2014 Mar 25. PubMed PMID: 24668202.
 74. Ishishita Y, Tanikawa R, Noda K, Kubota H, Izumi N, Katsuno M, Ota N, Miyazaki T, Hashimoto M, Kimura T, Morita A. Universal EC-IC graft bypass for large or giant internal carotid aneurysms: Techniques and results in 38 consecutive patients. **World Neurosurg**. 2014 Jul-Aug;82(1-2):130-9. doi:

- 10.1016/j.wneu.2013.02.063. Epub 2013 Feb 20.
75. Shibahashi K, Morita A, Kimura T. Does a Craniotomy for Treatment of Unruptured Aneurysm Affect Cognitive Function? **Neurol Med Chir** (Tokyo). 54(10) :786-93. 2014 Jul 14. [Epub ahead of print] PubMed PMID: 25018143.
 76. Kim K, Isu T, Morimoto D, Sasamori T, Sugawara A, Chiba Y, Isobe M, Kobayashi S, Morita A. Neurovascular Bundle Decompression without Excessive Dissection for Tarsal Tunnel Syndrome. **Neurol Med Chir** (Tokyo). 54(11):901-6. 2014 Oct 31. [Epub ahead of print] PubMed PMID: 25367582.
 77. Behr R, Colletti V, Matthies C, Morita A, Nakatomi H, Dominique L, Darrouzet V, Brill S, Shehata-Dieler W, Lorens A, Skarzynski H. New Outcomes with Auditory Brainstem Implants in NF2 Patients. **Otol Neurotol**. 35(10):1844-51. 2014 Oct 16. [Epub ahead of print] PubMed PMID: 25325841.
 78. Matano F, Yoshida D, Ishii Y, Tahara S, Teramoto A, Morita A. Endocan, a new invasion and angiogenesis marker of pituitary adenomas. *J Neurooncol*. 2014 May;117(3):485-91. doi: 10.1007/s11060-014-1377-6. Epub 2014 Feb 7. PubMed PMID: 24504498.
 79. Yamaoka Y, Ichikawa Y, Morita A. Evaluation of Rotational Vertebral Artery Occlusion Using Ultrasound Facilitates the Detection of Arterial Dissection in the Atlas Loop. **J Neuroimaging**. 2015 Jul-Aug;25(4):647-51. doi: 10.1111/jon.12174. [Epub ahead of print] PubMed PMID: 25307799.
 80. Murai Y, Takagi R, Amano Y, Sekine T, Morita A, Teramoto A: 4D Flow Preliminary Investigation for Anterior Fossa Dural Arteriovenous Fistula. **Can J Neurol Sci** 41:656-658, 2014
 81. Minami N, Kimura T, Uda T, Ochiai C, Kohmura E, Morita A. Effectiveness of zigzag Incision and 1.5-Layer method for frontotemporal craniotomy. **Surg Neurol Int**. 2014 May 15;5:69. doi: 10.4103/2152-7806.132562. eCollection 2014. Erratum in: *Surg Neurol Int*. 2014;5:119. Uda, Takehiro [added]; Ochiai, Chikayuki [added]; Morita, Akio [added].
 82. Ishii Y, Tahara S, Teramoto A, Morita A. Endoscopic endonasal skull base surgery: advantages, limitations, and our techniques to overcome cerebrospinal fluid leakage: technical note. **Neurol Med Chir** (Tokyo). 2014;54(12):983-90. Epub 2014 Nov 29.
 83. Ishii Y, Tahara S, Hattori Y, Teramoto A, Morita A, Matsuno A.: Fascia patchwork closure for endoscopic endonasal skull base surgery. **Neurosurg Rev**. 2015 Jul;38(3):551-7. doi: 10.1007/s10143-015-0614-6. Epub 2015 Feb 14.
 84. Su Y, Ishii Y, Lin CM, Tahara S, Teramoto A, and Morita A: Endoscopic Transsphenoidal Cisternostomy for Nonneoplastic Sellar Cysts. **BioMed Research International** Volume 2015 (2015), Article ID 389474, 8 pages <http://dx.doi.org/10.1155/2015/389474>
 85. Koketsu K, Yoshida D, Kim K, Ishii Y, Tahara S, Teramoto A, and Morita A: Gremlin, a Bone Morphogenetic Protein Antagonist, Is a Crucial Angiogenic Factor in Pituitary Adenoma **International Journal of Endocrinology**. Volume 2015 (2015), Article ID 834137, 7 pages <http://dx.doi.org/10.1155/2015/834137>
 86. Tominari S, Morita A, Ishibashi T, Yamazaki T, Takao H, Murayama Y, Sonobe M, Yonekura M, Saito N, Shiokawa Y, Date I, Tominaga T, Nozaki K, Houkin K, Miyamoto S, Kirino T, Hashi K, Nakayama T; for UCAS Japan Investigators.: Prediction model for three-year rupture risk of unruptured cerebral aneurysms in Japanese patients. **Ann Neurol**. 2015 Jun;77(6):1050-9. doi: 10.1002/ana.24400. Epub 2015 Apr 22.
 87. Matano F, Murai Y, Mizunari T, Tateyama K, Kobayashi S, Adachi K, Kamiyama H, Morita A, Teramoto A. Olfactory preservation during anterior interhemispheric approach for anterior skull base lesions: technical note. **Neurosurg Rev**. 2015 Jul 17. [Epub ahead of print] PubMed PMID: 26178238.
 88. Umeoka K, Takusakawa Y, Kominami S, Kobayashi S, Morita A. The meningeal branches of the superior cerebellar artery: a surgical observation study. **J Neurosurg**. 2016 Jan;124(1):244-7. doi: 10.3171/2014.12.JNS141190. PubMed PMID: 26140484.
 89. Murai Y, Matano F, Toda S, Kobayashi S, Morita A. An Irrigation Suction System Using a Pressurized Fluid High-Flow Pump System in Comparison with a Standard Cuff Pressure System: Technical Note. **J Neurol Surg A Cent Eur Neurosurg**. 2015 Apr 27. [Epub ahead of print] PubMed PMID: 25915502.
 90. Kogure K, Node Y, Tamaki T, Yamazaki M, Takumi I, Morita A. Indwelling Drains Are Not Necessary for Patients Undergoing One-level Anterior Cervical Fixation Surgery. **J Nippon Med Sch**. 2015;82(3):124-9. doi: 10.1272/jnms.82.124. PubMed PMID: 26156665.
 91. Kogure K, Isu T, Node Y, Tamaki T, Kim K, Morimoto D, Morita A. Technical arrangement

- of the Williams-Isu method for anterior cervical discectomy and fusion. **J Nippon Med Sch.** 2015;82(1):50-3. doi: 10.1272/jnms.82.50. PubMed PMID: 25797876.
92. Harada K, Morita A (equal contribution as 1st author), Minakawa Y, Baek YM, Sora S, Sugita N, Kimura T, Tanikawa R, Ishikawa T, Mitsuishi M. Assessing microneurosurgical skill with medico-engineering technology. **World Neurosurg.** . 2015 Oct;84(4):964-71. doi: 10.1016/j.wneu.2015.05.033. [Epub ahead of print]PubMed PMID: 26028599.
 93. Hattori Y, Ishii H, Morita A, Sakuma Y, Ozawa H: Characterization of the fundamental properties of the N-terminal truncation (Delta exon 1) variant of estrogen receptor alpha in the rat. **Gene.** 2015 Oct 15;571(1):117-25. doi: 10.1016/j.gene.2015.06.086.
 94. Etminan N, Brown RD Jr, Beseoglu K, Juvela S, Raymond J, Morita A, Torner JC, Derdeyn CP, Raabe A, Mocco J, Korja M, Abdulazim A, Amin-Hanjani S, Al-Shahi Salman R, Barrow DL, Bederson J, Bonafe A, Dumont AS, Fiorella DJ, Gruber A, Hankey GJ, Hasan DM, Hoh BL, Jabbour P, Kasuya H, Kelly ME, Kirkpatrick PJ, Knuckey N, Koivisto T, Krings T, Lawton MT, Marotta TR, Mayer SA, Mee E, Pereira VM, Molyneux A, Morgan MK, Mori K, Murayama Y, Nagahiro S, Nakayama N, Niemelä M, Ogilvy CS, Pierot L, Rabinstein AA, Roos YB, Rinne J, Rosenwasser RH, Ronkainen A, Schaller K, Seifert V, Solomon RA, Spears J, Steiger HJ, Vergouwen MD, Wanke I, Wermer MJ, Wong GK, Wong JH, Zipfel GJ, Connolly ES Jr, Steinmetz H, Lanzino G, Pasqualin A, Rufenacht D, Vajkoczy P, McDougall C, Hänggi D, LeRoux P, Rinkel GJ, Macdonald RL. The unruptured intracranial aneurysm treatment score: A multidisciplinary consensus. **Neurology.** 2015 Sep 8;85(10):881-9. doi: 10.1212/WNL.0000000000001891. Epub 2015 Aug 14. PubMed PMID: 26276380; PubMed Central PMCID: PMC4560059.
 95. Hironaka K, Yamazaki Y, Hirai Y, Yamamoto M, Miyake N, Miyake K, Okada T, Morita A, Shimada T. Enzyme replacement in the CSF to treat metachromatic leukodystrophy in mouse model using single intracerebroventricular injection of self-complementary AAV1 vector. **Sci Rep.** 2015 Aug 18;5:13104. doi: 10.1038/srep13104. PubMed PMID: 26283284.
 96. Matano F, Tanikawa R, Kamiyama H, Ota N, Tsuboi T, Noda K, Miyata S, Matsukawa H, Murai Y, Morita A. Surgical treatment of 127 paraclinoid aneurysms with multifarious strategy: Factors related with outcome. **World Neurosurg.** 2016 Jan;85:169-76. doi: 10.1016/j.wneu.2015.08.068. Epub 2015 Sep 5. PubMed PMID: 26344635.
 97. Hishikawa T, Date I, Tokunaga K, Tominari S, Nozaki K, Shiokawa Y, Houkin K, Murayama Y, Ishibashi T, Takao H, Kimura T, Nakayama T, Morita A; For UCAS Japan and UCAS II Investigators. Risk of rupture of unruptured cerebral aneurysms in elderly patients. **Neurology.** 2015 Nov 24;85(21):1879-85. doi:10.1212/WNL.0000000000002149. Epub 2015 Oct 28. PubMed PMID: 26511450; PubMed Central PMCID: PMC4662696.
 98. Takumi I, Mishina M, Kominami S, Mizunari T, Kobayashi S, Teramoto A, Morita A. Ambient Temperature Change Increases in Stroke Onset: Analyses Based on the Japanese Regional Metrological Measurements. **J Nippon Med Sch.** 2015;82(6):281-6. doi: 10.1272/jnms.82.281. PubMed PMID: 26823031.
 99. Hattori Y, Ishii H, Munetomo A, Watanabe H, Morita A, Sakuma Y, Ozawa H. Human C-terminally truncated ERα variants resulting from the use of alternative exons in the ligand-binding domain. **Mol Cell Endocrinol.** 2016 Apr 15;425:111-22. doi: 10.1016/j.mce.2016.01.026. PubMed PMID: 26835991.
 100. Matano F, Murai Y, Tanikawa R, Kamiyama H, Tateyama K, Tamaki T, Mizunari T, Mizumura S, Kobayashi S, Teramoto A, Morita A. Intraoperative middle cerebral artery pressure measurements during superficial temporal artery to middle cerebral artery bypass procedures in patients with cerebral atherosclerotic disease. **J Neurosurg.** 2016 Dec;125(6):1367-1373. PubMed PMID: 26943849.
 101. Tsuchiya M, Morita A, Hara Y. Effect of Dual Therapy with Botulinum Toxin A Injection and Electromyography-controlled Functional Electrical Stimulation on Active Function in the Spastic Paretic Hand. **J Nippon Med Sch.** 2016;83(1):15-23. doi: 10.1272/jnms.83.15.

- PubMed PMID: 26960584.
102. Matano F, Murai Y, Tateyama K, Tamaki T, Mizunari T, Matsukawa H, Teramoto A, Morita A. Long-term patency of superficial temporal artery to middle cerebral artery bypass for cerebral atherosclerotic disease: factors determining the bypass patent. *Neurosurg Rev*. 2016 Oct;39(4):655-61. doi: 10.1007/s10143-016-0736-5. PubMed PMID: 27142680.
 103. Ju D, Yamaguchi F, Zhan G, Higuchi T, Asakura T, Morita A, Orimo H, Hu S. Hyperthermotherapy enhances antitumor effect of 5-aminolevulinic acid-mediated sonodynamic therapy with activation of caspase-dependent apoptotic pathway in human glioma. *Tumour Biol*. 2016 Aug;37(8):10415-26. doi: 10.1007/s13277-016-4931-3. PubMed PMID: 26846106.
 104. Kokubo R, Kim K, Isu T, Morimoto D, Iwamoto N, Kobayashi S, Morita A. The Impact of Tarsal Tunnel Syndrome on Cold Sensation in the Pedal Extremities. *World Neurosurg*. 2016 Aug;92:249-54. doi: 10.1016/j.wneu.2016.04.095. PubMed PMID: 27150642.
 105. Kokubo R, Kim K, Isu T, Morimoto D, Iwamoto N, Kobayashi S, Morita A. Superior cluneal nerve entrapment neuropathy and gluteus medius muscle pain: Their effect on very old patients with low back pain. *World Neurosurg*. 2016 Oct 27. pii: S1878-8750(16)31085-3. doi: 10.1016/j.wneu.2016.10.096. [Epub ahead of print] PubMed PMID: 27989968.
 106. Murai Y, Nakagawa S, Matano F, Shirokane K, Teramoto A, Morita A. The feasibility of detecting cerebral blood flow direction using the Indocyanine green video angiography. *Neurosurg Rev*. 2016 Oct;39(4):685-90. doi: 10.1007/s10143-016-0726-7. PubMed PMID: 27136915.
 107. Takumi I, Akimoto M, Morita A. Use of an Inverted and Segmented Galea-Calvarial Flap for the Simultaneous Reconstruction of the Frontal Sinus and Forehead: A New Supplementary Method of Reconstructive Cranial Surgery. *J Nippon Med Sch*. 2016;83(3):125-9. doi: 10.1272/jnms.83.125. PubMed PMID: 27430177.
 108. Matano F, Murai Y, Mizunari T, Tamaki T, Tateyama K, Koketsu K, Tanikawa R, Kamiyama H, Kobayashi S, Morita A. Recovery of visual and ophthalmologic symptoms after treating large or giant internal carotid artery aneurysm by high-flow bypass with cervical ligation. *World Neurosurg*. 2016 Oct 24. pii: S1878-8750(16)31071-3. doi: 10.1016/j.wneu.2016.10.082. [Epub ahead of print] PubMed PMID: 27789320.
 109. Morimoto D, Isu T, Kim K, Sugawara A, Yamazaki K, Chiba Y, Iwamoto N, Isobe M, Morita A. Microsurgical Decompression for Peroneal Nerve Entrapment Neuropathy. *Neurol Med Chir (Tokyo)*. 2015;55(8):669-73. doi:10.2176/nmc.oa.2014-0454. PubMed PMID: 26227056; PubMed Central PMCID: PMC4628158.
 110. Aoki T, Saito M, Koseki H, Tsuji K, Tsuji A, Murata K, Kasuya H, Morita A, Narumiya S, Nozaki K; MR Macrophage Imaging Study Investigators. Macrophage Imaging of Cerebral Aneurysms with Ferumoxytol: an Exploratory Study in an Animal Model and in Patients. *J Stroke Cerebrovasc Dis*. 2017 Oct;26(10):2055-2064. doi: 10.1016/j.jstrokecerebrovasdis.2016.10.026. Epub 2017 Jul 31. PubMed PMID: 28774792.
 111. Araki T, Yokota H, Morita A: Pediatric Traumatic Brain Injury: Characteristic Features, Diagnosis, and Management *Neurol Med Chir* Jan. 2017, doi: 10.2176/nmc.ra.2016-0191
 112. Tamaki T, Kubota M, Node Y, Morita A: Continuous Vagus Nerve Monitoring during Carotid Endarterectomy *Open Journal of Modern Neurosurgery* 2017, 7, 1-9
 113. Morimoto D, Isu T, Kim K, Chiba Y, Iwamoto N, Isobe M, Morita A: Long-Term Outcome of Surgical Treatment for Superior Cluneal Nerve Entrapment Neuropathy *Spine (Phila Pa 1976)*. 2017 May 15;42(10):783-788. doi: 10.1097/BRS.0000000000001913. PubMed PMID: 27669049.
 114. Ko S, Nakazawa A, Kurose Y, Harada K, Mitsuishi M, Sora S, Shono N, Nakatomi H, Saito N, Morita A. Intelligent control of neurosurgical robot MM-3 using dynamic motion scaling. *Neurosurg Focus*. 2017 May;42(5):E5. doi: 10.3171/2017.2.FOCUS16568. PubMed PMID: 28463616.
 115. Shibahashi K, Sugiyama K, Houda H, Takasu Y, Hamabe Y, Morita A. The effect of tracheostomy

- performed within 72 h after traumatic brain injury. *Br J Neurosurg.* 2017 Mar 16:1-5. doi: 10.1080/02688697.2017.1302071. [Epub ahead of print] PubMed PMID: 28301956.
116. Shojima M, Morita A, Nakatomi H, Tominari S. Size is the Most Important Predictor of Aneurysm Rupture Among Multiple Cerebral Aneurysms: Post Hoc Subgroup Analysis of Unruptured Cerebral Aneurysm Study Japan. *Neurosurgery.* 2018 Jun 1;82(6):864-869. doi: 10.1093/neuros/nyx307. PubMed PMID: 28637201.
117. Matano F, Mizunari T, Murai Y, Kubota A, Fujiki Y, Kobayashi S, Morita A. Quantitative Comparison of the Intraoperative Utility of Indocyanine Green and Fluorescein Videoangiographies in Cerebrovascular Surgery. *Oper Neurosurg (Hagerstown).* 2017 Jun 1;13(3):361-366. doi: 10.1093/ons/opw020. PubMed PMID: 28521359.
118. Matano F, Mizunari T, Yamada K, Kobayashi S, Murai Y, Morita A. Environmental and Clinical Risk Factors for Delirium in a Neurosurgical Center: A Prospective Study. *World Neurosurg.* 2017 Jul;103:424-430. doi: 10.1016/j.wneu.2017.03.139. Epub 2017 Apr 12. PubMed PMID: 28412481.
119. Kitamura T, Kim K, Morimoto D, Kokubo R, Iwamoto N, Isu T, Morita A. Dynamic factors involved in common peroneal nerve entrapment neuropathy. *Acta Neurochir(Wien).* 2017 Jul 12. doi: 10.1007/s00701-017-3265-2. [Epub ahead of print] PubMed PMID: 28702813.
120. Igarashi Y, Murai Y, Yamada O, Shirokane K, Hironaka K, Sato S, Sugiyama M, Tachizawa T, Morita A. Cerebral Aneurysm Associated with an Arachnoid Cyst: 3 Case Reports and a Systematic Review of the Literature. **World Neurosurg.** 2018 Jan;109:e203-e209. doi: 10.1016/j.wneu.2017.09.139. Epub 2017 Sep 28. Review. PubMed PMID: 28964944.
121. Omura T, Kimura M, Kim K, Mishina M, Mizunari T, Kobayashi S, Morita A. Acute Poststroke Depression Is Associated with Thalamic Lesions and Clinical Outcomes: A Case-Control Study. **J Stroke Cerebrovasc Dis.** 2018 Feb;27(2):499-505. doi:10.1016/j.jstrokecerebrovasdis.2017.09.028. Epub 2017 Nov 1. PubMed PMID:29079329.
122. Kim K, Shimizu J, Isu T, Inoue K, Chiba Y, Iwamoto N, Morimoto D, Isobe M, Morita A. Low back pain due to superior cluneal nerve entrapment: A clinicopathologic study. **Muscle Nerve.** 2017 Nov 3. doi: 10.1002/mus.26007. [Epub ahead of print] PubMed PMID: 29105105.
123. Fujiki Y, Matano F, Mizunari T, Murai Y, Tateyama K, Koketsu K, Kubota A, Kobayashi S, Yokota H, Morita A. Serum glucose/potassium ratio as a clinical risk factor for aneurysmal subarachnoid hemorrhage. **J Neurosurg.** 2017 Nov 17:1-6. doi: 10.3171/2017.5.JNS162799. [Epub ahead of print] PubMed PMID: 29148905.
124. Yamaguchi F, Ten H, Higuchi T, Omura T, Kojima T, Adachi K, Kitamura T, Kobayashi S, Takahashi H, Teramoto A, Morita A. An intraoperative motor tract positioning method in brain tumor surgery: technical note. **J Neurosurg.** 2017 Nov 24:1-7. doi: 10.3171/2017.5.JNS162978. [Epub ahead of print] PubMed PMID: 29171804.
125. Tsukiyama A, Murai Y, Matano F, Shirokane K, Morita A. Optical effects on the surrounding structure during quantitative analysis using indocyanine green videoangiography: A phantom vessel study. **J Biophotonics.** 2017 Nov 29. doi: 10.1002/jbio.201700254. [Epub ahead of print] PubMed PMID: 29193774.
126. Nakagawa S, Murai Y, Matano F, Ishisaka E, Morita A. Evaluation of Patency After Vascular Anastomosis Using Quantitative Evaluation of Visualization Time in Indocyanine Green Video Angiography. **World Neurosurg.** 2017 Dec 2. pii: S1878-8750(17)31995-2. doi: 10.1016/j.wneu.2017.11.072. [Epub ahead of print] PubMed PMID: 29198890.

B: Case reports, Technical note, & Letters

1. Morita A, Meyer FB: Comment on Vollmer DG, Hongo K, Ogawa H, et al.: A study of the Effectiveness of the Iron-Chelating Agent Deferoxamine as Vasospasm Prophylaxis in a Rabbit Model of Subarachnoid Hemorrhage. *Neurosurgery* 28: 27-32, 1991
2. Sekhar LN, Morita A: Comment on Tokoro K, Chiba Y, Murai M, Et al.: Cosmetic Reconstruction after Mastoidectomy for the Transpetrosal-Presigmoid approach: Technical Note. *Neurosurgery* 39: 186-188,1996
3. Morita A, Meyer FB:Letter to the editor Perforating Vessel Preservation During Aneurysm Surgery. *J*

- Neurosurg 85: 1195-1196, 1996
4. Sekhar LN; Morita A: Analytical evaluation of complex anterior approaches to the cranial base: An anatomic study – Comment Neurosurgery, 43 (6): 1408-1408, 1998
 5. Sekhar LN, Morita A: Comment on Maniker A, Cantrell S, Vaicy C: Failure of Hydroxyapatite Cement to set in Repair of a Cranial Defect: Case Report. Neurosurgery 43: 953-955, 1998
 6. Seknar LN; Morita A :Microsurgical removal of a vestibular schwannoma after stereotactic radiosurgery: Surgical and pathologic findings - Invited comments Am J Otol, 20 (3): 368-368, 1999
 7. Sekhar LN; Morita A: Endoscope-assisted surgery for acoustic neuromas (vestibular schwannomas): Early experience using the rigid Hopkins telescope - Comment Neurosurgery, 44 (5): 1100-1101 1999
 8. Shin M, Morita A, Asano S, Ueki K, Kirino T: Neuroendoscopic aqueductal stent placement procedure for isolated fourth ventricle and ventricular shunt placement. Case report. J Neurosurg 92: 1036-1039,2000
 9. Rosen CL , DePalma L, Morita A: Primary Angiitis of the Central Nervous System as a First Presentation in Hodgkin's Disease: A Case Report and Review of the Literature. Neurosurgery 46: 1504-1510, 2000
 10. Sekhar LN, Sarma S, Morita A: Dural reconstruction with fascia, titanium mesh, and bone screws: Technical note. Neurosurgery 49: 749-752,2001
 11. Monobe H, Morita A, Murofushi T:Remarkable restrotation of speech discrimination after removal of jugular foramen schwannoma: a case report. **Eur Arch Otolaryngol** 259: 170-171, 2002
 12. Shin M, Ueki K, Kawahara N, Morita A, Kirino T: Response to Cavernous Sinus Meningioma In Neurosurgical Forum. **J Neurosurg** 96: 641, 2002
 13. Iwasaki S, Ito K, Takai Y, Morita A, Murofushi T: Chondroid chordoma at the Jugular Foramen Causing Retrolabyrinthine lesions in both the cochlear and vestibula branches of the eighth cranial nerve. **Ann Otl Rhinol Laryngol**: 113:82-86,2004
 14. Furuya K, Kawahara N, Morita A, Momose T, Aoki S, Kirino T: Focal hyperperfusion after superficial artery-middle cerebral artery anastomosis in a patient with moyamoya disease **J Neurosurg** 100: 128-132, 2004
 15. Shibahara J, Todo T, Morita A, Mori H, Aoki S, Fukayama M.: Papillary neuroepithelial tumor of the pineal region. A case report. **Acta Neuropathol (Berl)** 108: 337-340, 2004
 16. Mori H, Aoki S, Abe O, Hayashi N, Masutani Y, Ohtomo K, Oya S, Morita A.:Diffusion property following functional hemispherectomy in hemimegalencephaly. **Acta Radiol**:45(7):778-81, 2004
 17. Iwamuro H, Morita A, Kawaguchi H, Kirino T.: Resolution of spinal epidural haematoma without surgery in a haemophilic infant. **Acta Neurochir (Wien)**146: 1263-1265, 2004
 18. Yoshino M, Morita A, Shibahara J, Kirino T: Radiation induced spinal cord cavernous malformation: Case report. **J Neurosurg (Pediatrics)** 102:101-104,2005
 19. Aihara K, Morita A : Dumbell-shaped hypoglossal schwannoma in an elderly woman: a clinical dilemma. **Surg Neurol** 63:526-528,2005
 20. Saito K, Morita A, Shibohara J, Kirino T: Spinal ependymal cyst. **Acta Neurochirur(Wien)** 147:443-446, 2005
 21. Yako K, Morita A, Ueki K, Krino T: Subfrontal schwannoma. Case report **Acta Neurochirur(Wien)** 147:655-658, 2005
 22. Maruyama K, Morita A, Shibahara J, Nakazato Y, Kirino, T: Multifocal Pilocytic Astrocytomas with Ependymal Differentiation in the Bilateral Medial Temporal Lobes. Case Report. **Neurol Med Chir(Tokyo)** 45: 411-414, 2005
 23. Kunii N, Morita A, Yoshikawa G, Kirino T. Subdural hematoma associated with dural metastasis--case report--.**Neurol Med Chir (Tokyo)**. 2005 Oct;45(10):519-22.
 24. Hotta S, Morita A, Seichi A, Kirino T: Aberrant course of the vertebral artery in a case with Chiari I malformation and Occipital-Atlas assimilation. :Case report **J Neurosurg Spine**: 3:246-248,2005
 25. Morita A, Kirino T, Fujiwara S, Hashi K: Response to the Editorial by Ausman JI: Comments on the unruptured aneurysm study from Japan; does this clarify what to do? **J Neurosurg** 102: 593-596, 2005
 26. Morita A, Kirino T: Response to the Editorial by Wiebers DO: The risk of rupture of unruptured cerebral aneurysms in the Japanese population: a systematic review of the literature from Japan by Morita, et al. **J Neurosurg** 102: 597-589,2005

27. Kimura T, Shojima M, Koizumi T, Fukaya S, Ichikawa Y, Morita A: Surgical treatment of a dural Arteriovenous fistula in the superior petrosal sinus of an elderly patient with minimal suboccipital craniotomy: case report **Neurol Med Chir** (Tokyo) 49: 465-7,2009
28. Kimura T, Morita A: Treatment of Unruptured Aneurysm of Duplication of the Middle Cerebral Artery. Case Report. **Neurol Med Chir** 50: 124-6,2010
29. Kimura T, Nishimura K, Fukaya S, Morita A. Fusiform aneurysm of the anterior communicating artery treated by vascular reconstruction: case report. **Neurosurgery**. 2010 May;66(5):E1025-6.
30. Shinozaki M, Morita A, Kamijo K, Seichi A, Saito N, Kirino T: Symptomatic T2 Vertebral Hemangioma in a Pregnant Woman Treated By One Stage Combination Surgery: Posterior Stabilization and Anterior Subtotal Tumor Resection –Case Report- **Neurol Med Chir** 50:674-677, 2010
31. Fukaya S, Kimura T, Sora S, Morita A. Medulla oblongata injury caused by an acupuncture needle; warning for serious complications due to a common method of alternative medicine. **J Neurol**. 2011 Nov;258(11):2093-4.
32. Kimura T, Sameshima T, Morita A. A Trigeminal neuralgia caused by a fibrous ring around the nerve. **J Neurosurg**.116: 741-2, 2012 Jan 6.
33. Kimura T, Tsutsumi K, Morita A: Scrotal migration of lumboperitoneal shunt catheter in an adult--case report. **Neurol.Med.Chir**.51: 861-2, 2011
34. Shibahashi K, Kimura T, Morita A: Middle cerebral artery atherosclerotic stenosis mimicking a cerebral aneurysm: pitfall in preoperative evaluation of cerebral aneurysms. **Br J Neurosurg** 26: 406-408,2011
35. Ishishita Y, Kimura T, Morita A.:Urgent superficial temporal artery to middle cerebral artery bypass shortly after intravenous rt-PA. **Br J Neurosurg**. 2012 Mar 31. [Epub ahead of print]
36. Nishimura K, Kimura T, Morita A: Watertight Dural Closure Constructed With Dura Seal for Bypass Surgery-Technical Note- **Neurol Med Chir**. 52: 521-524, 2012
37. Sameshima T, Morita A, Yamaoka Y, Ichikawa Y: Ipsilateral Sensorimotor Deficits in Lateral Medullary Infarction: A Case Report **J Stroke Cerebrovasc Dis**. 2014 Jan;23(1):191-3.
38. Sameshima T, Shibahashi K, Nozaki T, Akabane A, Kihara A, Horiuchi H, Morita A: Atlantoaxial Intraspinial Juxtafacet Cyst. Case Report. **Neurol Med Chir**. 53: 125-128, 2013
39. Hattori Y, Tahara S, Ishii Y, Kitamura T, Inomoto C, Osamura RY, Teramoto A, Morita A. A Case of IgG4-Related Hypophysitis without Pituitary Insufficiency. **J Clin Endocrinol Metab**. 2013 Mar 20. [Epub ahead of print] PubMed PMID: 23515454.
40. Minami N, Kimura T, Ichikawa Y, Morita A. Emerging Sylvian Subpial Hematoma after the Repair of the Ruptured Anterior Cerebral Artery Aneurysm with Interhemispheric Approach: Case Report. **Neurol Med Chir (Tokyo)**. 2013 Nov 20. [Epub ahead of print] PubMed PMID: 24257490.
41. Hattori Y, Tahara S, Ishii Y, Kitamura T, Inomoto C, Osamura RY, Teramoto A, Morita A. A case of prolactinoma with chordoma. **Clin Neurol Neurosurg**. 2013 Dec;115(12):2537-9. doi: 10.1016/j.clineuro.2013.09.010. Epub 2013 Sep 23. PubMed PMID: 24129004.
42. Kim K, Isu T, Kobayashi S, Morita A. Dizziness attributable to a cervical dural arteriovenous fistula. **Acta Neurochir (Wien)**. 2014 Mar;156(3):547-9. PubMed PMID: 24395052.
43. Shojima M, Morita A, Kimura T, Oshima M, Kin T, Saito N. Computational fluid dynamic simulation of a giant basilar tip aneurysm with eventual rupture following Hunterian ligation. **World Neurosurg**. 2013 Sep 22. pii: S1878-8750(13)01218-7. doi: 10.1016/j.wneu.2013.09.034. [Epub ahead of print] PubMed PMID: 24067739.
44. Matano F, Adachi K, Murai Y, Kitamura T, Ohashi R, Teramoto A, Morita A. Microcystic Meningioma with Late-phase Accumulation on Thallium-201 single-photon emission computed tomography: Case Report. **Neurol Med Chir (Tokyo)**. 2014 Jan 10. 54(8):686-9.PubMed PMID: 24418788.
45. Murai Y, Mizunari T, Koketsu K, Tateyama K, Kobayashi S, Morita A, Teramoto A. Fluorescence Angiography with Temporary Occlusion to Confirm the Distal Artery: Technical Notes. **Neurol Med Chir** (Tokyo). 2014 Jul 4. [Epub ahead of print] PubMed PMID: 24998630.
46. Umeoka K, Mizunari T, Murai Y, Kobayashi S, Morita A. Occlusion of the ascending pharyngeal artery during carotid artery surgery: importance and technique. **Turk Neurosurg**. 2014;24(4):546-8. doi: 10.5137/1019-5149.JTN.9527-13.0. PubMed PMID: 25050680.
47. Suzuki M, Umeoka K, Kominami S, Morita A. Successful treatment of a ruptured flow-related aneurysm in a patient with hemangioblastoma: Case report and review of literature. **Surg Neurol Int**. 2014 Sep

- 26;5(Suppl 9):S430-3. doi: .4103/2152-7806.141887. eCollection 2014. PubMed PMID: 25324977; PubMed CentralPMCID: PMC4199150.
48. Suzuki M, Kominami S, Koketsu K, Mizunari T, Kobayashi S, Morita A: Endovascular Repair of a Middle Meningeal Artery Aneurysm after Cranial Surgery **NMC Case Report Journal** 1:6-8, 2014, DOI 10.2176/nmcrj.2013-0318
 49. Kidani N, Kimura T, Ichikawa Y, Usuki K, Morita A: Steroids and Immunosuppressant Agents Do Not Affect Indirect Revascularization in Quasi-Moyamoya Disease Associated with Pure Red Cell Aplasia: A Case Report **NMC Case Report Journal** 1: 12-15, 2015 DOI: 10.2176
 50. Hattori Y, Tahara S, Nakakuki T, Takei M, Ishii Y, Teramoto A, Morita A: Sellar Chondroma with Endocrine Dysfunction that Resolved after Surgery: Case Report. **J Nippon Med Sch** 82:146-150, 2015
 51. Kimura T, Kin T, Shojima M, Morita A: Clip reconstruction of giant vertebral artery aneurysm after failed flow reduction therapy. **Neurosurg Focus** 39 Video Suppl 1:V5, 2015
 52. Murai Y, Ishisaka E, Tsukiyama A, Matano F, Morita A. Internal Carotid Artery Aneurysm Anomalously Originating from the Posterior Communicating Artery. **World Neurosurg.** 2015 Aug 29. pii: S1878-8750(15)01042-6. doi: 10.1016/j.wneu.2015.08.026. [Epub ahead of print] PubMed PMID: 26325211.
 53. Morimoto D, Isu T, Kim K, Sugawara A, Isobe M, Morita A. Proximal Entrapment Neuropathy of the Median Nerve above the Elbow-Case Report. **J Nippon Med Sch.** 2015;82(6):287-9. doi: 10.1272/jnms.82.287. PubMed PMID: 26823032.
 54. Morimoto D, Isu T, Kim K, Isobe M, Takahashi T, Ishida Y, Takei H, Morita A. Surgical treatment for posttraumatic hemorrhage inside a filum terminale myxopapillary ependymoma: a case report and literature review. *Eur Spine J.* 2016 May;25 Suppl 1:239-44. doi: 10.1007/s00586-016-4521-5. PubMed PMID: 27015688.
 55. Murai Y, Matano F, Toda S, Kobayashi S, Morita A. An Irrigation Suction System Using a Pressurized Fluid High-Flow Pump System in Comparison with a Standard Cuff Pressure System: Technical Note. *J Neurol Surg A Cent Eur Neurosurg.* 2016 May;77(3):264-8. doi: 10.1055/s-0034-1376188. PubMed PMID:25915502.
 56. Matano F, Murai Y, Mizunari T, Tateyama K, Kobayashi S, Adachi K, Kamiyama H, Morita A, Teramoto A. Olfactory preservation during anterior interhemispheric approach for anterior skull base lesions: technical note. *Neurosurg Rev.* 2016 Jan;39(1):63-8; discussion 69. doi: 10.1007/s10143-015-0647-x. PubMed PMID: 26178238.
 57. Matano F, Mizunari T, Koketsu K, Fujiki Y, Kubota A, Kobayashi S, Murai Y, Morita A. Protection Device Made of a Modified Syringe for Muscle Protection During Cranial Perforation: Technical Note. *World Neurosurg.* 2016 May;89:33-6. doi: 10.1016/j.wneu.2016.01.001. PubMed PMID: 26773982.
 58. Kitamura T, Morimoto D, Kim K, Morita A. Peroneal nerve entrapment neuropathy induced by playing the drum. *Acta Neurochir (Wien).* 2016 May;158(5):967-8; discussion 968. doi: 10.1007/s00701-016-2770-z. PubMed PMID: 26979180.
 59. Matano F, Mizunari T, Kominami S, Suzuki M, Fujiki Y, Kubota A, Kobayashi S, Murai Y, Morita A. Retrograde suction decompression of a large internal carotid aneurysm using a balloon guide catheter combined with a blood-returning circuit and STA-MCA bypass: a technical note. *Neurosurg Rev.* 2016 Dec 16. [Epub ahead of print] PubMed PMID: 27987034.
 60. Murai Y, Ikeda Y, Morita A. Letter by Murai et al Regarding Article, "Spot Sign in Acute Intracerebral Hemorrhage in Dynamic T1-Weighted Magnetic Resonance Imaging". *Stroke.* 2016 May;47(5):e84. doi: 10.1161/STROKEAHA.116.012812. PubMed PMID: 27012743.
 61. Kitamura T, Murai Y, Shirokane K, Matano F, Kitamura T, Morita A: An Unruptured Aneurysm Coexisting with an Infundibular Dilatation:A Case Report *J Nippon Med Sch* 2016; 83 (6) 268-271
 62. : Matano F, Murai Y, Mizunari T, Adachi K, Kobayashi S, Morita A. Intracerebral Hemorrhage Caused by Cerebral Hyperperfusion after Superficial Temporal Artery to Middle Cerebral Artery Bypass for Atherosclerotic Occlusive Cerebrovascular Disease. *NMC Case Rep J.* 2016 Dec 5;4(1):27-32. doi: 10.2176/nmcrj.cr.2016-0043.eCollection 2017

Jan. PubMed PMID: 28664022; PubMed Central PMCID: PMC5364904.

63. Tsukiyama A, Hattori Y, Tahara S, Ishisaka E, Morimoto D, Oyama K, Teramoto A, Morita A. New Technique for Chiasmectomy Using Iliac Crest Bone Graft: 2 Cases of Visual Impairment Caused by Empty Sella Syndrome. **World Neurosurg**. 2017 Nov;107:1051.e19-1051.e25. doi: 10.1016/j.wneu.2017.08.080. Epub 2017 Aug 24. PubMed PMID: 28843758.
64. Kimura T, Morita A. Occipital Artery to Middle Cerebral Artery Bypass: Operative Nuances. **World Neurosurg**. 2017 Dec;108:201-205. doi: 10.1016/j.wneu.2017.08.126. Epub 2017 Sep 21. PubMed PMID: 28870823.
65. Oda K, Morimoto D, Kim K, Yui K, Kitamura T, Morita A. Spinal Cavernous Angioma Associated with Klippel-Trenaunay-Weber Syndrome: Case Report and Literature Review. **World Neurosurg**. 2018 Jan;109:333-337. doi: 10.1016/j.wneu.2017.10.040. Epub 2017 Oct 17. Review. PubMed PMID: 29054771.

C: Reviews

1. Meyer FB, Morita A, Puumala MR, Nichols DA: Medical and surgical management of intracranial aneurysms. **Mayo Clin Proc** 70: 153-172,1995
2. Morita A, Sekhar LN, Wright DC: Current Concepts in the Management of Tumors of the Skull Base. **Cancer Control** 5: 138-149,1998
3. Morita A, Kimura T, Shojima M, Sameshima T, Nishihara T. Unruptured intracranial aneurysms: current perspectives on the origin and natural course, and quest for standards in the management strategy. **Neurol Med Chir** (Tokyo). 2010;50(9):777-87.
4. Morita A: Current perspectives on the Unruptured Cerebral Aneurysms: Origin, Natural Course and Management. **J Nippon Med Sch** 81(4):194-202, 2014
5. Morita A, Sora S, Nakatomi H, Harada K, Sugita N, Saito N, Mitsuishi M. Medical Engineering and Microneurosurgery: Application and Future. **Neurol Med Chir** (Tokyo). 2016 Oct 15;56(10):641-652. PubMed PMID: 27464471.
6. Oyama K, Tahara S, Hirohata T, Ishii Y, Prevedello DM, Carrau RL, Froelich S, Teramoto A, Morita A, Matsuno A. Surgical Anatomy for the Endoscopic Endonasal Approach to the Ventrolateral Skull Base. **Neurol Med Chir** (Tokyo). 2017 Oct 15;57(10):534-541. doi: 10.2176/nmc.ra.2017-0039. Epub 2017 Aug 25. PubMed PMID: 28845040; PubMed Central PMCID: PMC5638780.

D: Textbooks

1. Ebersold MJ, Morita A, Olsen KD, Quast LM: Glomus Jugulare Tumors. in Kaye and Laws(eds.): **Encyclopedia of Brain Tumors**, Edinburgh: Churchill Livingstone, pp795-807, 1995
2. Morita A, Meyer FB, Nicholas DA, Patterson MC: Pediatric posterior dural arteriovenous fistulas (Torcular Arteriovenous Fistulas), in Hakuba (ed.): **Surgery of the Intracranial Venous System**, Tokyo, Springer, pp 471-481, 1995
3. Morita A, Sekhar LN: Anatomy and operative approaches to the Meckel's cave. **Neurosurgeons** 16: 99-111, 1997
4. Morita A, Puumala M, Meyer FB, Fode NF: Surgery of Intracranial Aneurysms, in Yanagihara T, Piepgras DG(eds.): **Subarachnoid hemorrhage**. New York: Marcel Dekker Inc., pp333-412, 1997
5. Morita A, Piepgras DG: Tumors of the Skull Base. in Vecht CJ (ed): **Handbook of Clinical Neurology, Vol 24, Neuro-Oncology Part II**, Amsterdam: Elsevier, pp 465-496, 1997
6. Morita A, Puumala M, Meyer FB: Intracranial aneurysms and subarachnoid hemorrhage. in Swash M, (ed.): **Outcomes in neurological and neurosurgical disorders**, Cambridge: Cambridge University Press, pp93-122, 1998
7. Morita A, Sekhar LN: Principles and Applications of Skull Base Surgery, in Grossman RG, Loftus CM(eds.): **Principles of Neurosurgery**. Lippincott-Raven, Philadelphia, pp771-805, 1999
8. Morita A, Ebersold MJ, Olsen KD, Foote RL, Lewis JE, Quast LM: Esthesioneuroblastoma. Management

- and Outcome. in Robertson J, Robertoson J, Coakham H(eds): **Cranial Base Surgery**, London : Churchill Livingstone, pp381-396, 20000
9. Asai D, Katopo S, Arata J, Warisawa S, Mitsuishi M, Morita A, Sora S, Kirino T, Mochizuki R: Micro-Neurosurgical System in the Deep Surgical Field, in Barillot C, Haynor DR, Hellier P (eds): **MICCAI 2004,LNCS 3217**. Berlin, Heiderberg, Springer-Verlag, 2004, pp 33-40.
 10. Morita A, Kimura T: Management of the Unruptured Intracranial Aneurysms, in Kalangu KKN, Kato Y,eds. **Essential Practice of Neurosurgery** Access Publishing, Nagoya, 2010, 420-433
 11. Morita A, Sekhar LN: Cerebral Veins and Dural Sinuses: Preservation and Reconstruction in Sekhar LN, Fessler RG, eds. Atlas of Neurosurgical Techniques Brain-Volume1, Thieme, new York, pp639-655, 2015, ISBN 978-1-62623-053-8
 12. Murai Y, Nishihara T, Morita A: Intracerebral Hemorrhage in Sekhar LN, Fessler RG, eds. Atlas of Neurosurgical Techniques Brain-Volume1, Thieme, new York, pp639-655, 2015, ISBN 978-1-62623-053-8