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Ogiwara T, Goto T, Fujii Y, Hanaoka Y, Hongo K, Okamoto J, Muragaki Y. Usefulness of a Newly Developed [Ultrasonic Microdissector in Neurosurgery](#): A Preliminary [Experimental Study](#). *J Neurol Surg A Cent Eur Neurosurg.* 2018 Dec 24. doi: 10.1055/s-0038-1675782. [Epub ahead of print] PubMed PMID: 30583303.

3: Mbadugha T, Ogiwara T, Nagm A, Hasegawa T, Kamiya K, Ohaegbulam S, Hongo K. Superficial siderosis associated with craniopharyngioma: a rare case report. *World Neurosurg.* 2018 Dec 6. pii: S1878-8750(18)32783-9. doi: 10.1016/j.wneu.2018.11.222. [Epub ahead of print] PubMed PMID: 30529527.

4: Nagm A, Hongo K. Letter: Paratrigeminal, Paraclival, Precavernous, or All of the Above? A Circumferential Anatomical Study of the C3-C4 Transitional Segment of the Internal Carotid Artery: Collecting Surgical Nuances. *Oper Neurosurg (Hagerstown).* 2018 Nov 24. doi: 10.1093/ons/opy364. [Epub ahead of print] PubMed PMID: 30476288.

5: Nagm A, Ogiwara T, Hirouchi T, Hongo K. Letter: Comparative Analysis Between Lateral Orbital Rim Preservation and Osteotomy for Transorbital Endoscopic Approaches to the Cavernous Sinus: An Anatomic Study. *Oper Neurosurg (Hagerstown).* 2019 Jan 1;16(1):E37. doi: 10.1093/ons/opy332. PubMed PMID: 30407597.

6: Zhang M, Horiuchi T, Nitta J, Liu R, Miyaoka Y, Nakamura T, Hongo K. Intraoperative test occlusion as adjustment of extracranial-to-intracranial bypass strategy for unclippable giant aneurysm of the internal carotid artery. *World Neurosurg.* 2018 Nov 1. pii: S1878-8750(18)32454-9. doi: 10.1016/j.wneu.2018.10.156. [Epub ahead of print] PubMed PMID: 30391770.

7: Nkwerem SP, Ito K, Ichinose S, Horiuchi T, Hongo K. Resection and imbrication of symptomatic sacral Tarlov cysts: A case report and review of the literature. *Surg Neurol Int.* 2018 Sep 4;9:180. doi: 10.4103/sni.sni_238_18. eCollection 2018. PubMed PMID: 30221025; PubMed Central PMCID: PMC6130174.

8: Ogiwara T, Goto T, Hara Y, Hongo K. Real-Time Navigation-Guided Drilling Technique for Skull Base Surgery in the Middle and Posterior Fossae. *J Neurol Surg B Skull Base.* 2018 Oct;79(Suppl 4):S334-S339. doi: 10.1055/s-0038-1667044. Epub 2018 Jul 17. PubMed PMID: 30210987; PubMed Central PMCID: PMC6133694.

9: Sasaki T, Kakizawa Y, Yoshino M, Fujii Y, Yoroi I, Ichikawa Y, Horiuchi T, Hongo K. Numerical Analysis of Bifurcation Angles and Branch Patterns in Intracranial Aneurysm Formation. *Neurosurgery.* 2018 Aug 21. doi: 10.1093/neuros/nyy387. [Epub ahead of print] PubMed PMID: 30137458.

10: Nkwerem S, Horiuchi T, Nishikawa A, Ito K, Hongo K, Ohaegbulam S. Diploic mature teratoma originating from the orbital roof: An extremely rare case report. *Surg Neurol Int.* 2018 Jul 26;9:151. doi: 10.4103/sni.sni_81_18. eCollection 2018. PubMed PMID: 30105145; PubMed Central PMCID: PMC6080142.

11: Goto T, Hongo K, Ogiwara T, Nagm A, Okamoto J, Muragaki Y, Lawton M, McDermott M, Berger M. Intelligent Surgeon's Arm Supporting System iArmS in Microscopic Neurosurgery Utilizing Robotic Technology. *World Neurosurg.* 2018 Nov;119:e661-e665. doi: 10.1016/j.wneu.2018.07.237. Epub

2018 Aug 6. PubMed PMID: 30092468.

- 12: Horiuchi T, Kiuchi T, Koyama JI, Hanaoka Y, Ito K, Hongo K. Wrap-clipping as a rescue surgical technique for vessel perforation due to stent strut: a technical note. *Acta Neurochir (Wien)*. 2018 Oct;160(10):1955-1959. doi: 10.1007/s00701-018-3629-2. Epub 2018 Jul 27. PubMed PMID: 30054727.
- 13: Hanaoka Y, Ogiwara T, Kakizawa Y, Nagm A, Seguchi T, Aoyama T, Koyama JI, Sato A, Hongo K. Calcified ectopic TSH-secreting pituitary neuroendocrine tumor mimicking craniopharyngioma: a rare case report and literature review. *Acta Neurochir (Wien)*. 2018 Oct;160(10):2001-2005. doi: 10.1007/s00701-018-3638-1. Epub 2018 Jul 26. PubMed PMID: 30051157.
- 14: Nagm A, Horiuchi T, Hongo K. Letter to the Editor Regarding "Minimally Invasive Approaches for Anterior Skull Base Meningiomas: Supraorbital Eyebrow, Endoscopic Endonasal, or Combination of Both? Anatomic Study, Limitations, and Surgical Application". *World Neurosurg*. 2018 Aug;116:474. doi: 10.1016/j.wneu.2018.03.168. PubMed PMID: 30049028.
- 15: Ogiwara T, Nagm A, Hasegawa T, Hanaoka Y, Ichinose S, Goto T, Hongo K. Pitfalls of skull base reconstruction in endoscopic endonasal approach. *Neurosurg Rev*. 2018 Jul 7. doi: 10.1007/s10143-018-1006-5. [Epub ahead of print] PubMed PMID: 29982857.
- 16: Hasegawa T, Ogiwara T, Nagm A, Goto T, Horiuchi T, Hongo K. Cystic Lymphocytic Hypophysitis Mimicking Pituitary Apoplexy: Daunting Challenge. *World Neurosurg*. 2018 Oct;118:1-4. doi: 10.1016/j.wneu.2018.06.230. Epub 2018 Jul 6. PubMed PMID: 29981909.
- 17: Nagm A, Goto T, Ogiwara T, Horiuchi T, Hongo K. Endoscopic transpalpebral transorbital anterior petrosectomy: does "safer surgical freedoms" necessitates modifications? *Acta Neurochir (Wien)*. 2018 Jun 18. doi: 10.1007/s00701-018-3592-y. [Epub ahead of print] PubMed PMID: 29911247.
- 18: Kuroiwa M, Yako T, Goto T, Higuchi K, Kitazawa K, Horiuchi T, Kobayashi S. Inter-capsular resection of cervical vagus nerve schwannoma. *J Clin Neurosci*. 2018 Aug;54:161-164. doi: 10.1016/j.jocn.2018.06.003. Epub 2018 Jun 13. PubMed PMID: 29908719.
- 19: Moteki H, Fujinaga Y, Goto T, Usami SI. Pneumolabyrinth, intracochlear and vestibular fluid loss after cochlear implantation. *Auris Nasus Larynx*. 2018 Oct;45(5):1116-1120. doi: 10.1016/j.anl.2018.03.004. Epub 2018 Apr 19. PubMed PMID: 29680680.
- 20: Horiuchi T, Miyaoka Y, Hasegawa T, Ito K, Hongo K. Usefulness of venous catheter as an intraluminal stent for end-to-end venous anastomosis. *Acta Neurochir (Wien)*. 2018 Jun;160(6):1139-1141. doi: 10.1007/s00701-018-3539-3. Epub 2018 Apr 12. PubMed PMID: 29651751.
- 21: Nagm A, Ogiwara T, Nishikawa A, Ichinose S, Hongo K. Petroclival tension pneumocephalus: an unrivaled life threatening complication linked to molecular-targeted therapy. *Br J Neurosurg*. 2018 Apr 2:1-3. doi: 10.1080/02688697.2018.1457772. [Epub ahead of print] PubMed PMID: 29607683.
- 22: Mutai H, Furukawa T, Wakabayashi A, Suzuki A, Hanihara T. Functional outcomes of inpatient rehabilitation in very elderly patients with stroke: differences across three age groups. *Top Stroke Rehabil*. 2018 May;25(4):269-275. doi: 10.1080/10749357.2018.1437936. Epub 2018 Feb 19. PubMed PMID: 29457559.
- 23: Shimizu K, Nitta M, Komori T, Maruyama T, Yasuda T, Fujii Y, Masamune K, Kawamata T, Maehara T, Muragaki Y. Intraoperative Photodynamic Diagnosis Using Talaporfin Sodium Simultaneously Applied for Photodynamic Therapy against Malignant Glioma: A Prospective Clinical Study. *Front*

Neurol. 2018 Jan 30;9:24. doi: 10.3389/fneur.2018.00024. eCollection 2018. PubMed PMID: 29441040; PubMed Central PMCID: PMC5797572.

24: Hashimoto T, Muralidharan A, Yoshida K, Goto T, Yako T, Baker KB, Vitek JL. Neuronal activity and outcomes from thalamic surgery for spinocerebellar ataxia. Ann Clin Transl Neurol. 2017 Dec 10;5(1):52-63. doi: 10.1002/acn3.508. eCollection 2018 Jan. PubMed PMID: 29376092; PubMed Central PMCID: PMC5771317.

25: Horiuchi T, Ichinose S, Agata M, Ito K, Hongo K. STA-ACA bypass using the ipsilateral free STA graft as an interposition graft and A3-A3 anastomosis for treatment of bilateral ACA steno-occlusive ischemia. Acta Neurochir (Wien). 2018 Apr;160(4):779-782. doi: 10.1007/s00701-018-3464-5. Epub 2018 Jan 18. PubMed PMID: 29349672.

26: Toriyama T, Horiuchi T, Hongo K. Characterization of migraineurs presenting interictal widespread pressure hyperalgesia identified using a tender point count: a cross-sectional study. J Headache Pain. 2017 Dec 28;18(1):117. doi: 10.1186/s10194-017-0824-0. PubMed PMID: 29285568; PubMed Central PMCID: PMC5745372.

27: Nishikawa A, Ogiwara T, Nagm A, Sano K, Okada M, Chiba A, Agata M, Kaneko T, Tamada H, Uehara T, Hongo K. Atypical teratoid/rhabdoid tumor of the sellar region in adult women: Is it a sex-related disease? J Clin Neurosci. 2018 Mar;49:16-21. doi: 10.1016/j.jocn.2017.12.010. Epub 2017 Dec 14. Review. PubMed PMID: 29248378.

28: Karasawa M, Yokouchi K, Kawagishi K, Moriizumi T, Fukushima N. Effects of repeated nerve injuries at different time intervals on functional recovery and nerve innervation. J Clin Neurosci. 2018 Feb;48:185-190. doi: 10.1016/j.jocn.2017.11.016. Epub 2017 Nov 26. PubMed PMID: 29183681.

29: Hasegawa T, Ogiwara T, Nagm A, Goto T, Aoyama T, Hongo K. Risks of Endoscopic Temporal Ventriculocisternostomy for Isolated Lateral Ventricle: Anatomic Surgical Nuances. World Neurosurg. 2018 Feb;110:189-192. doi: 10.1016/j.wneu.2017.11.036. Epub 2017 Nov 15. PubMed PMID: 29155114.

30: Ogiwara T, Nagm A, Hanaoka Y, Nishikawa A, Goto T, Horiuchi T, Hongo K. Management of hypertrophied dural lesions: Is surgery a better option? J Neurol Sci. 2017 Oct 15;381:245-249. doi: 10.1016/j.jns.2017.08.3268. Epub 2017 Sep 1. PubMed PMID: 28991691.

31: Fujimori K, Sakai K, Higashiyama F, Oya F, Maejima T, Miyake T. Primary central nervous system malignant melanoma with leptomeningeal melanomatosis: a case report and review of the literature. Neurosurg Rev. 2018 Jan;41(1):333-339. doi: 10.1007/s10143-017-0914-0. Epub 2017 Oct 6. PubMed PMID: 28986666.

32: Tsutsumi K, Horiuchi T, Hongo K. Mechanical evaluation of cerebral aneurysm clip scissoring phenomenon: comparison of titanium alloy and cobalt alloy. J Mater Sci Mater Med. 2017 Sep 13;28(10):159. doi: 10.1007/s10856-017-5975-7. PubMed PMID: 28905196.

33: Fujii Y, Muragaki Y, Maruyama T, Nitta M, Saito T, Ikuta S, Iseki H, Hongo K, Kawamata T. Threshold of the extent of resection for WHO Grade III gliomas: retrospective volumetric analysis of 122 cases using intraoperative MRI. J Neurosurg. 2018 Jul;129(1):1-9. doi: 10.3171/2017.3.JNS162383. Epub 2017 Sep 8. PubMed PMID: 28885120.

34: Ogiwara T, Nagm A, Yamamoto Y, Hasegawa T, Nishikawa A, Hongo K. Clinical characteristics of pituitary neuroendocrine tumors with radiological calcification. Acta Neurochir (Wien). 2017 Nov;159(11):2187-2192. doi: 10.1007/s00701-017-3302-1. Epub 2017 Aug 19. PubMed PMID:

28825138.

35: Nagm A, Negm AA. In reply to the letter to the Editor, "Morphological evaluation of median nerve: why ultrasound?" *Rheumatol Int.* 2017 Sep;37(9):1597. doi: 10.1007/s00296-017-3767-5. Epub 2017 Jul 10. PubMed PMID: 28695273.

36: Ekuma ME, Goto T, Hanaoka Y, Kanaya K, Horiuchi T, Hongo K, Ohaegbulam SC. Unilateral isolated hypoglossal nerve palsy due to pathologically adherent PICA fusiform aneurysm - A case report. *Surg Neurol Int.* 2017 Jun 13;8:114. doi: 10.4103/sni.sni_279_16. eCollection 2017. PubMed PMID: 28680733; PubMed Central PMCID: PMC5482208.

37: Nagm A, Ogiwara T, Goto T, Chiba A, Hongo K. Neuroendoscopy via an Extremely Narrow Foramen of Monro: A Case Report. *NMC Case Rep J.* 2016 Dec 2;4(1):37-42. doi: 10.2176/nmccrj.cr.2016-0157. eCollection 2017 Jan. PubMed PMID: 28664024; PubMed Central PMCID: PMC5364906.

38: Ito K, Nakamura T, Aoyama T, Horiuchi T, Hongo K. A Case of Laterally Extended High-Positioned Chordoma Treated Using the High Cervical Retropharyngeal Approach. *World Neurosurg.* 2017 Sep;105:1043.e15-1043.e19. doi: 10.1016/j.wneu.2017.06.053. Epub 2017 Jun 15. PubMed PMID: 28624565.

39: Fukushima N, Yokouchi K, Kuroiwa M, Kawagishi K, Moriizumi T. Acetyl-L-carnitine enhances myelination of regenerated fibers of the lateral olfactory tract. *Neurosci Lett.* 2017 Jul 13;653:215-219. doi: 10.1016/j.neulet.2017.06.001. Epub 2017 Jun 3. PubMed PMID: 28583580.

40: Yoshida S, Kibe T, Matsubara R, Koizumi SI, Nara K, Amano K, Okumura N. Congenital dysfibrinogenemia in a Japanese family with fibrinogen Naples (B β Ala68Thr) manifesting as superior sagittal sinus thrombosis. *Blood Coagul Fibrinolysis.* 2017 Oct;28(7):580-584. doi: 10.1097/MBC.0000000000000641. PubMed PMID: 28537987.

41: Miyaoka Y, Takeuchi M, Wakao N, Aoyama M, Hongo K, Takayasu M. Contusional Cerebellar Hemorrhage Related to Placement in the Protrusion Position After Atlantoaxial Fusion. *World Neurosurg.* 2017 May;101:818.e7-818.e11. doi: 10.1016/j.wneu.2017.01.092. PubMed PMID: 28531940.

42: Ogiwara T, Goto T, Nagm A, Hongo K. Endoscopic endonasal transsphenoidal surgery using the iArmS operation support robot: initial experience in 43 patients. *Neurosurg Focus.* 2017 May;42(5):E10. doi: 10.3171/2017.3.FOCUS16498. PubMed PMID: 28463614.

43: Wang MY, Goto T, Tessitore E, Veeravagu A. Introduction. Robotics in neurosurgery. *Neurosurg Focus.* 2017 May;42(5):E1. doi: 10.3171/2017.2.FOCUS1783. Review. PubMed PMID: 28463607.

44: Nkwerem S, Goto T, Ogiwara T, Yamamoto Y, Hongo K, Ohaegbulam S. Ultrasound-Assisted Neuronavigation-Guided Removal of a Live Worm in Cerebral Sparganosis. *World Neurosurg.* 2017 Jun;102:696.e13-696.e16. doi: 10.1016/j.wneu.2017.03.031. Epub 2017 Mar 16. PubMed PMID: 28315796.

45: Horiuchi T, Nitta J, Miyaoka Y, Nagm A, Tsutsumi K, Ito K, Hongo K. Open Embolectomy of Large Vessel Occlusion in the Endovascular Era: Results of a 12-Year Single-Center Experience. *World Neurosurg.* 2017 Jun;102:65-71. doi: 10.1016/j.wneu.2017.02.108. Epub 2017 Mar 2. PubMed PMID: 28263932.

46: Horiuchi T, Nagm A, Hasegawa T, Hongo K. Transjugular tubercle-preaccessory approach for ventrocaudally located PICA aneurysm. *Acta Neurochir (Wien).* 2017 Apr;159(4):641-644. doi:

- 10.1007/s00701-017-3126-z. Epub 2017 Feb 27. PubMed PMID: 28243811.
- 47: Negm AA, Nagm A, Altamimyh H, Ghanem M. Ultrasonography of a bifid median nerve causing carpal tunnel syndrome: MSUS or MRI, which is better? *Rheumatol Int.* 2017 Sep;37(9):1591-1592. doi: 10.1007/s00296-017-3670-0. Epub 2017 Feb 28. PubMed PMID: 28243800.
- 48: Ekuma EM, Ito K, Chiba A, Hara Y, Kanaya K, Horiuchi T, Ohaegbulam S, Hongo K. A Rare Case of Pediatric Lumbar Spinal Ependymoma Mimicking Meningitis. *World Neurosurg.* 2017 Apr;100:710.e1-710.e5. doi: 10.1016/j.wneu.2017.02.016. Epub 2017 Feb 13. PubMed PMID: 28216208.
- 49: Sato A, Shimizu Y, Koyama J, Hongo K. A new threshold of apparent diffusion coefficient values in white matter after successful tissue plasminogen activator treatment for acute brain ischemia. *J Neuroradiol.* 2017 Jun;44(3):223-226. doi: 10.1016/j.neurad.2016.12.003. Epub 2017 Feb 8. PubMed PMID: 28187865.
- 50: Tsutsumi K, Horiuchi T, Nagm A, Toba Y, Hongo K. Clinical characteristics of ruptured distal middle cerebral artery aneurysms: Review of the literature. *J Clin Neurosci.* 2017 Jun;40:14-17. doi: 10.1016/j.jocn.2016.12.019. Epub 2017 Jan 10. Review. PubMed PMID: 28087184.
- 51: Fukushima S, Yamashita S, Kobayashi H, Takami H, Fukuoka K, Nakamura T, Yamasaki K, Matsushita Y, Nakamura H, Totoki Y, Kato M, Suzuki T, Mishima K, Yanagisawa T, Mukasa A, Saito N, Kanamori M, Kumabe T, Tominaga T, Nagane M, Iuchi T, Yoshimoto K, Mizoguchi M, Tamura K, Sakai K, Sugiyama K, Nakada M, Yokogami K, Takeshima H, Kanemura Y, Matsuda M, Matsumura A, Kurozumi K, Ueki K, Nonaka M, Asai A, Kawahara N, Hirose Y, Takayama T, Nakazato Y, Narita Y, Shibata T, Matsutani M, Ushijima T, Nishikawa R, Ichimura K; Intracranial Germ Cell Tumor Genome Analysis Consortium (The iGCTConsortium). Genome-wide methylation profiles in primary intracranial germ cell tumors indicate a primordial germ cell origin for germinomas. *Acta Neuropathol.* 2017 Mar;133(3):445-462. doi: 10.1007/s00401-017-1673-2. Epub 2017 Jan 11. PubMed PMID: 28078450.
- 52: Fukushima N, Karasawa M, Yokouchi K, Sumitomo N, Kawagishi K, Moriizumi T. Stereological assessment of the total number of hypoglossal neurons after repeated crush injuries to the hypoglossal nerve in adult rats. *Neurol Res.* 2017 Feb;39(2):183-188. doi: 10.1080/01616412.2016.1275461. Epub 2017 Jan 4. PubMed PMID: 28051949.
- 53: Ito K, Aoyama T, Nakamura T, Hanaoka Y, Horiuchi T, Hongo K. Novel dural incision and closure procedure for preventing postoperative cerebrospinal fluid leakage during the surgical removal of dumbbell-shaped spinal tumors: technical note. *J Neurosurg Spine.* 2016 Nov;25(5):620-625. Epub 2016 Jun 10. PubMed PMID: 27285668.
- 54: Kuroiwa M, Fukushima N, Yokouchi K, Kawagishi K, Moriizumi T. Morphological analysis of regenerated bulbar fibers in relation to neonatal olfaction. *Brain Res Bull.* 2016 Oct;127:66-73. doi: 10.1016/j.brainresbull.2016.08.015. Epub 2016 Aug 26. PubMed PMID: 27575005.
- 55: Ogiwara T, Horiuchi T, Nagm A, Goto T, Hongo K. Significance of surgical management for cystic prolactinoma. *Pituitary.* 2017 Apr;20(2):225-230. doi: 10.1007/s11102-016-0766-6. PubMed PMID: 27757801.
- 56: Nagm A, Horiuchi T, Yanagawa T, Hongo K. Risky Cerebrovascular Anatomic Orientation: Implications for Brain Revascularization. *World Neurosurg.* 2016 Dec;96:610.e15-610.e20. doi: 10.1016/j.wneu.2016.09.023. Epub 2016 Sep 15. PubMed PMID: 27641260.
- 57: Horiuchi T, Yamamoto Y, Suzuki Y, Kobayashi M, Ichinose S, Hongo K. Clipping Surgery for

Paraclinoid Carotid Aneurysm. *Acta Neurochir Suppl.* 2016;123:27-32. doi: 10.1007/978-3-319-29887-0_4. PubMed PMID: 27637625.

58: Suzuki Y, Watanabe A, Wakui K, Horiuchi T, Hongo K. Results of Clipping Surgery for Aneurysmal Subarachnoid Hemorrhage in Elderly Patients Aged 90 or Older. *Acta Neurochir Suppl.* 2016;123:13-6. doi: 10.1007/978-3-319-29887-0_2. PubMed PMID: 27637623.

59: Ito K, Seguchi T, Nakamura T, Chiba A, Hasegawa T, Nagm A, Horiuchi T, Hongo K. Evaluation of Metallic Artifacts Caused by Nonpenetrating Titanium Clips in Postoperative Neuroimaging. *World Neurosurg.* 2016 Dec;96:16-22. doi: 10.1016/j.wneu.2016.08.086. Epub 2016 Aug 29. PubMed PMID: 27586178.

60: Ogiwara T, Goto T, Aoyama T, Hara Y, Nagm A, Tanaka Y, Hongo K. Relationship Between Muscle Dissection Method and Postoperative Muscle Atrophy in the Lateral Suboccipital Approach to Vestibular Schwannoma Surgery. *World Neurosurg.* 2016 Oct;94:426-431. doi: 10.1016/j.wneu.2016.07.041. Epub 2016 Jul 20. PubMed PMID: 27450979.

61: Duan H, Hara Y, Goto T, Chiba A, Hongo K. Giant cavernous malformation in the ventrolateral midbrain with extension into the thalamus: a case report of a paramedian supracerebellar transtentorial approach. *Acta Neurochir (Wien).* 2016 Aug;158(8):1533-8. doi: 10.1007/s00701-016-2870-9. Epub 2016 Jun 21. PubMed PMID: 27328840.

62: Tian Y, Yang Y, Zhang X, Nakajima T, Tanaka N, Sugiyama E, Kamijo Y, Lu Y, Moriya K, Koike K, Gonzalez FJ, Aoyama T. Age-dependent PPAR α activation induces hepatic sulfatide accumulation in transgenic mice carrying the hepatitis C virus core gene. *Glycoconj J.* 2016 Dec;33(6):927-936. Epub 2016 Jun 18. PubMed PMID: 27318478.

63: Ito K, Aoyama T, Miyaoka Y, Seguchi T, Horiuchi T, Hongo K. Surgery for ventral intradural thoracic spinal tumors with a posterolateral transpedicular approach. *Acta Neurochir (Wien).* 2016 Aug;158(8):1563-9. doi: 10.1007/s00701-016-2864-7. Epub 2016 Jun 11. PubMed PMID: 27290663.

64: Yanagisawa R, Ogiso Y, Miyairi Y, Sakashita K, Shigeta H. Multinucleated giant cells in Langerhans cell histiocytosis. *Br J Haematol.* 2016 Jul;174(1):7. doi: 10.1111/bjh.14124. Epub 2016 May 25. PubMed PMID: 27220782.

65: Doden T, Sato H, Sasahara E, Murata T, Yako T, Kitazawa K, Higuchi K, Kobayashi S, Hashimoto T. Clinico-Radiological Characteristics and Pathological Diagnosis of Cerebral Amyloid Angiopathy-Related Intracerebral Hemorrhage. *J Stroke Cerebrovasc Dis.* 2016 Jul;25(7):1736-1745. doi: 10.1016/j.jstrokecerebrovasdis.2016.03.041. Epub 2016 Apr 14. PubMed PMID: 27151414.

66: Nagm A, Horiuchi T, Ito K, Hongo K. Relationship Between Successful Extracranial-Intracranial Bypass Surgeries and Ischemic White Matter Hyperintensities. *World Neurosurg.* 2016 Jul;91:112-20. doi: 10.1016/j.wneu.2016.03.100. Epub 2016 Apr 6. PubMed PMID: 27060522.

67: Slotty PJ, Abdulazim A, Kodama K, Javadi M, Hänggi D, Seifert V, Szelényi A. Intraoperative neurophysiological monitoring during resection of infratentorial lesions: the surgeon's view. *J Neurosurg.* 2017 Jan;126(1):281-288. doi: 10.3171/2015.11.JNS15991. Epub 2016 Feb 26. PubMed PMID: 26918482.

68: Nagm A, Horiuchi T, Kanaya K, Hongo K. Dural Arteriovenous Fistula Could Be Due to Hemodynamic Disturbance in Dural Physiological Shunts? Histopathological Study and a Case Report. *World Neurosurg.* 2016 Jun;90:699.e11-699.e18. doi: 10.1016/j.wneu.2016.02.036. Epub 2016 Feb 16. PubMed PMID: 26899466.

- 69: Sakamoto A, Takayama H, Mamiya K, Koizumi T. Opioid withdrawal presenting only nausea during tapering of oxycodone after celiac plexus block: a case report. *Ann Palliat Med.* 2016 Jan;5(1):67-70. doi: 10.3978/j.issn.2224-5820.2015.12.01. PubMed PMID: 26841817.
- 70: Hokari M, Yokoseki A, Arakawa M, Saji E, Yanagawa K, Yanagimura F, Toyoshima Y, Okamoto K, Ueki S, Hatase T, Ohashi R, Fukuchi T, Akazawa K, Yamada M, Kakita A, Takahashi H, Nishizawa M, Kawachi I. Clinicopathological features in anterior visual pathway in neuromyelitis optica. *Ann Neurol.* 2016 Apr;79(4):605-24. doi: 10.1002/ana.24608. Epub 2016 Feb 22. PubMed PMID: 26836302.
- 71: Murata T, Dietrich HH, Horiuchi T, Hongo K, Dacey RG Jr. Mechanisms of magnesium-induced vasodilation in cerebral penetrating arterioles. *Neurosci Res.* 2016 Jun;107:57-62. doi: 10.1016/j.neures.2015.12.005. Epub 2015 Dec 19. PubMed PMID: 26712324; PubMed Central PMCID: PMC4884497.
- 72: Aoyama T, Miyaoka Y, Ogiwara T, Ito K, Seguchi T, Hongo K. Long Segment Spinal Dural Cyst: A Case Report. *World Neurosurg.* 2016 Apr;88:686.e13-7. doi: 10.1016/j.wneu.2015.11.008. Epub 2015 Nov 14. PubMed PMID: 26585731.
- 73: Nagm A, Horiuchi T, Hasegawa T, Hongo K. Intraoperative Evaluation of Reverse Bypass Using a Naturally Formed "Bonnet" Superficial Temporal Artery: Technical Note. *World Neurosurg.* 2016 Apr;88:603-8. doi: 10.1016/j.wneu.2015.10.087. Epub 2015 Nov 5. PubMed PMID: 26548827.
- 74: Ogiwara T, Horiuchi T, Hongo K. In Reply to the Letter to the Editor, "Trigeminal Lymphoma and Its Many Faces". *World Neurosurg.* 2016 Feb;86:3. doi: 10.1016/j.wneu.2015.09.075. Epub 2015 Sep 30. PubMed PMID: 26431732.
- 75: Ito K, Horiuchi T, Murata T, Hongo K. Analysis of clinically relevant mechanical and thermal characteristics of titanium foam spinal implants during drilling. *J Mater Sci Mater Med.* 2015 Sep;26(9):237. doi: 10.1007/s10856-015-5576-2. Epub 2015 Sep 22. PubMed PMID: 26395362.
- 76: Urata K, Ikegami T, Nakazawa Y, Ohno Y, Kobayashi A, Mita A, Sano K, Kurozumi M, Miyagawa S. Living-Donor Liver Transplantation for Hepatic Metastasis From Meningeal Hemangiopericytoma: A Case Report. *Transplant Proc.* 2015 Sep;47(7):2274-7. doi: 10.1016/j.transproceed.2015.06.027. PubMed PMID: 26361698.
- 77: Ito K, Aoyama T, Horiuchi T, Hongo K. Utility of nonpenetrating titanium clips for dural closure during spinal surgery to prevent postoperative cerebrospinal fluid leakage. *J Neurosurg Spine.* 2015 Dec;23(6):812-9. doi: 10.3171/2015.3.SPINE141215. Epub 2015 Aug 28. PubMed PMID: 26315957.
- 78: Ngerageza JG, Horiuchi T, Murata T, Aoyama T, Hongo K. Iatrogenic dural arteriovenous fistula after radical neck dissection for metastatic malignant disease: A case report. *Head Neck.* 2016 Apr;38(4):E87-90. doi: 10.1002/hed.24202. Epub 2015 Aug 28. PubMed PMID: 26315562.
- 79: Komori K, Yanagisawa R, Miyairi Y, Sakashita K, Shiohara M, Fujihara I, Morita D, Nakamura T, Ogiso Y, Sano K, Shirahata M, Fukuoka K, Ichimura K, Shigeta H. Temozolomide Treatment for Pediatric Refractory Anaplastic Ependymoma with Low MGMT Protein Expression. *Pediatr Blood Cancer.* 2016 Jan;63(1):152-5. doi: 10.1002/pbc.25696. Epub 2015 Aug 25. PubMed PMID: 26305586.
- 80: Chien YH, Abdenur JE, Baronio F, Bannick AA, Corrales F, Couce M, Donner MG, Ficicioglu C, Freehauf C, Frithiof D, Gotway G, Hirabayashi K, Hofstede F, Hoganson G, Hwu WL, James P, Kim S, Korman SH, Lachmann R, Levy H, Lindner M, Lykopoulou L, Mayatepek E, Muntau A, Okano Y, Raymond K, Rubio-Gozalbo E, Scholl-Bürgi S, Schulze A, Singh R, Stabler S, Stuy M, Thomas J, Wagner C, Wilson WG, Wortmann S, Yamamoto S, Pao M, Blom HJ. Mudd's disease (MAT I/III deficiency): a

survey of data for MAT1A homozygotes and compound heterozygotes. *Orphanet J Rare Dis.* 2015 Aug 20;10:99. doi: 10.1186/s13023-015-0321-y. Review. PubMed PMID: 26289392; PubMed Central PMCID: PMC4545930.

81: Ogiwara T, Goto T, Aoyama T, Nagm A, Yamamoto Y, Hongo K. Bony surface registration of navigation system in the lateral or prone position: technical note. *Acta Neurochir (Wien).* 2015 Nov;157(11):2017-22. doi: 10.1007/s00701-015-2528-z. Epub 2015 Aug 16. PubMed PMID: 26276469.

82: Sakai K, Shimodaira S, Maejima S, Udagawa N, Sano K, Higuchi Y, Koya T, Ochiai T, Koide M, Uehara S, Nakamura M, Sugiyama H, Yonemitsu Y, Okamoto M, Hongo K. Dendritic cell-based immunotherapy targeting Wilms' tumor 1 in patients with recurrent malignant glioma. *J Neurosurg.* 2015 Oct;123(4):989-97. doi: 10.3171/2015.1.JNS141554. Epub 2015 Aug 7. PubMed PMID: 26252465.

83: Anderson GR, Aoto J, Tabuchi K, Földy C, Covy J, Yee AX, Wu D, Lee SJ, Chen L, Malenka RC, Südhof TC. β -Neurexins Control Neural Circuits by Regulating Synaptic Endocannabinoid Signaling. *Cell.* 2015 Jul 30;162(3):593-606. doi: 10.1016/j.cell.2015.06.056. Epub 2015 Jul 23. PubMed PMID: 26213384; PubMed Central PMCID: PMC4709013.

84: Nagm A, Horiuchi T, Ichinose S, Hongo K. Unique double recurrence of cerebral arteriovenous malformation. *Acta Neurochir (Wien).* 2015 Sep;157(9):1461-6. doi: 10.1007/s00701-015-2461-1. Epub 2015 Jul 8. PubMed PMID: 26153777.

85: Kano T, Inaba Y, D'Antuono M, Biagini G, Levésque M, Avoli M. Blockade of in vitro ictogenesis by low-frequency stimulation coincides with increased epileptiform response latency. *J Neurophysiol.* 2015 Jul;114(1):21-8. doi: 10.1152/jn.00248.2015. Epub 2015 Apr 29. PubMed PMID: 25925325; PubMed Central PMCID: PMC4493663.

86: Horiuchi T, Seguchi T, Ito K, Hongo K. Usefulness of needle holder with a function of fine forceps for bypass surgery in both hands. *Surg Neurol Int.* 2015 Apr 2;6:55. doi: 10.4103/2152-7806.154464. eCollection 2015. PubMed PMID: 25883847; PubMed Central PMCID: PMC4395985.

87: Ito K, Horiuchi T, Seguchi T, Hongo K. Usefulness of a device for body support during operations performed while standing. *Neurosurg Rev.* 2015 Oct;38(4):731-7. doi: 10.1007/s10143-015-0633-3. Epub 2015 Apr 12. PubMed PMID: 25862668.

88: Hasegawa T, Horiuchi T, Hongo K. Histological Analysis of Aneurysm Wall Occluded with Clip Blades. A Case Report. *World Neurosurg.* 2015 Aug;84(2):592.e1-2. doi: 10.1016/j.wneu.2015.03.023. Epub 2015 Mar 21. PubMed PMID: 25805535.

89: Ogiwara T, Horiuchi T, Sekiguchi N, Kakizawa Y, Hongo K. Primary Malignant Lymphoma of the Trigeminal Nerve: Case Report and Literature Review. *World Neurosurg.* 2015 Aug;84(2):592.e3-7. doi: 10.1016/j.wneu.2015.03.019. Epub 2015 Mar 19. Review. PubMed PMID: 25797078.

90: Sato A, Koyama J, Hanaoka Y, Hongo K. A reverse-action clip applier for aneurysm surgery. *Neurosurgery.* 2015 Jun;11 Suppl 2:230-2; discussion 233-4. doi: 10.1227/NEU.0000000000000725. PubMed PMID: 25774701.

91: Karasawa M, Yokouchi K, Kakegawa A, Kawagishi K, Moriizumi T, Fukushima N. Effect of graded nerve pressure injuries on motor function. *J Neurosurg.* 2015 Jun;122(6):1438-43. doi: 10.3171/2014.9.JNS141451. Epub 2015 Mar 6. PubMed PMID: 25748301.

92: Ishida T, Sakamoto A, Tanaka H, Ide S, Ishida K, Tanaka S, Mori T, Kawamata M. Transversus abdominis plane block with 0.25 % levobupivacaine: a prospective, randomized, double-blinded

- clinical study. *J Anesth.* 2015 Aug;29(4):557-61. doi: 10.1007/s00540-015-1993-0. Epub 2015 Mar 1. PubMed PMID: 25725780.
- 93: Horiuchi T, Goto T, Tanaka Y, Kodama K, Tsutsumi K, Ito K, Hongo K. Role of superior hypophyseal artery in visual function impairment after paraclinoid carotid artery aneurysm surgery. *J Neurosurg.* 2015 Aug;123(2):460-6. doi: 10.3171/2014.12.JNS141218. Epub 2015 Feb 20. PubMed PMID: 25699410.
- 94: Hashimoto T, Katai S, Goto T. Discharge responses of the optic tract to flash stimuli in Parkinson's disease. *Ann Clin Transl Neurol.* 2014 Apr;1(4):298-301. doi: 10.1002/acn3.50. Epub 2014 Mar 11. PubMed PMID: 25590042; PubMed Central PMCID: PMC4292747.
- 95: Uehara M, Takahashi J, Mukaiyama K, Kuraishi S, Shimizu M, Ikegami S, Futatsugi T, Sano K, Hongo K, Kato H. Myxopapillary ependymoma of the cauda equina in a 5-year-old boy. *Asian Spine J.* 2014 Dec;8(6):846-51. doi: 10.4184/asj.2014.8.6.846. Epub 2014 Dec 17. PubMed PMID: 25558331; PubMed Central PMCID: PMC4278994.
- 96: Fukushima N, Yokouchi K, Kawagishi K, Karasawa M, Kuroiwa M, Moriizumi T. Two specific tongue regions receive bilateral hypoglossal innervation: a study in neonatal rat pups. *Arch Oral Biol.* 2015 Mar;60(3):432-8. doi: 10.1016/j.archoralbio.2014.12.002. Epub 2014 Dec 11. PubMed PMID: 25540849.
- 97: Ogiwara T, Goto T, Kusano Y, Kuroiwa M, Kiuchi T, Kodama K, Takemae T, Hongo K. Subtemporal transtentorial approach for recurrent trigeminal neuralgia after microvascular decompression via the lateral suboccipital approach: case report. *J Neurosurg.* 2015 Jun;122(6):1429-32. doi: 10.3171/2014.10.JNS132643. Epub 2014 Nov 28. PubMed PMID: 25423272.
- 98: Horiuchi T, Tsutsumi K, Hasegawa T, Hongo K. Rescue revision techniques for end-to-side anastomosis: Technical note. *Surg Neurol Int.* 2014 Jun 13;5:94. doi: 10.4103/2152-7806.134522. eCollection 2014. PubMed PMID: 25024894; PubMed Central PMCID: PMC4093734.
- 99: Ito K, Horiuchi T, Arai Y, Kawahara I, Hongo K. Histological, mechanical, and radiological study of osteoformation in titanium foam implants. *Acta Neurochir (Wien).* 2014 Nov;156(11):2165-72; discussion 2172. doi: 10.1007/s00701-014-2122-9. Epub 2014 May 15. PubMed PMID: 24829157.
- 100: Horiuchi T, Tsutsumi K, Ito K, Hongo K. Results of clipping surgery for aneurysmal subarachnoid hemorrhage in the ninth and tenth decades of life. *J Clin Neurosci.* 2014 Sep;21(9):1567-9. doi: 10.1016/j.jocn.2013.11.047. Epub 2014 Apr 13. PubMed PMID: 24725512.
- 101: Nakamura K, Uchiyama S, Ido Y, Itsubo T, Hayashi M, Murakami H, Sato N, Imaeda T, Kato H. The effect of vascular pedicle preservation on blood flow and clinical outcome following ulnar nerve transposition. *J Hand Surg Am.* 2014 Feb;39(2):291-302. doi: 10.1016/j.jhsa.2013.10.029. Epub 2013 Dec 15. PubMed PMID: 24342259.
- 102: Ito K, Aoyama T, Kuroiwa M, Horiuchi T, Hongo K. Surgical strategy and results of treatment for dumbbell-shaped spinal neurinoma with a posterior approach. *Br J Neurosurg.* 2014 Jun;28(3):324-9. doi: 10.3109/02688697.2013.835372. Epub 2013 Sep 12. PubMed PMID: 24024958.
- 103: Tsutsumi K, Horiuchi T, Aoyama T, Hongo K. Isolated primary malignant lymphoma arising from the optic chiasm. *J Clin Neurosci.* 2013 Dec;20(12):1783-6. doi: 10.1016/j.jocn.2012.12.029. Epub 2013 Aug 7. PubMed PMID: 23932421.
- 104: Horiuchi T, Nitta J, Ishizaka S, Kanaya K, Yanagawa T, Hongo K. Emergency EC-IC bypass for

symptomatic atherosclerotic ischemic stroke. *Neurosurg Rev.* 2013 Oct;36(4):559-64; discussion 564-5. doi: 10.1007/s10143-013-0487-5. Epub 2013 Jul 3. PubMed PMID: 23821132.

105: Mikoshiba A, Uhara H, Murata H, Okuyama R. Clinical effects of stereotactic radiation surgery in patients with metastatic melanoma. *J Dermatol.* 2013 Aug;40(8):626-8. doi: 10.1111/j.1346-8138.12179. Epub 2013 May 20. PubMed PMID: 23682870.

106: Rahmah NN, Horiuchi T, Kusano Y, Seguchi T, Hanaoka Y, Aoyama T, Hongo K. Early changes in tissue perfusion after tissue plasminogen activator administration in hyperacute ischemic stroke: initial experiences with arterial spin labeling perfusion magnetic resonance imaging. *Neurol Med Chir (Tokyo).* 2013;53(4):213-6. PubMed PMID: 23615409.

107: Goto T, Hongo K. Difference between conventional head-pin and Dispo-pin in the Sugita multipurpose head frame system. *Neurol Med Chir (Tokyo).* 2013;53(1):21-5. PubMed PMID: 23358165.

108: Goto T, Hongo K, Yako T, Hara Y, Okamoto J, Toyoda K, Fujie MG, Iseki H. The concept and feasibility of EXPERT: intelligent armrest using robotics technology. *Neurosurgery.* 2013 Jan;72 Suppl 1:39-42. doi: 10.1227/NEU.0b013e318271ee66. PubMed PMID: 23254811.

109: Takasuna H, Goto T, Kakizawa Y, Miyahara T, Koyama J, Tanaka Y, Kawai T, Hongo K. Use of a micromanipulator system (NeuRobot) in endoscopic neurosurgery. *J Clin Neurosci.* 2012 Nov;19(11):1553-7. doi: 10.1016/j.jocn.2012.01.033. Epub 2012 Sep 17. PubMed PMID: 22995760.

110: Itsubo T, Fukushima N, Kakegawa A, Yokouchi K, Kawagishi K, Kato H, Moriizumi T. Effects of repeated crush injuries on motor functional recovery of the sciatic nerve. *Neurol Res.* 2012 Nov;34(9):908-14. doi: 10.1179/1743132812Y.0000000089. Epub 2012 Aug 22. PubMed PMID: 22909999.

111: Horiuchi T, Rahmah NN, Yanagawa T, Hongo K. Revisit of aneurysm clip closing forces: comparison of titanium versus cobalt alloy clip. *Neurosurg Rev.* 2013 Jan;36(1):133-7; discussion 137-8. doi: 10.1007/s10143-012-0398-x. Epub 2012 Jun 15. PubMed PMID: 22699927.

112: Horiuchi T, Li Y, Seguchi T, Sato A, Aoyama T, Hanaoka Y, Hongo K. Clip blade scissoring with titanium bayonet clip in aneurysm surgery. Two case reports. *Neurol Med Chir (Tokyo).* 2012;52(2):84-6. PubMed PMID: 22362289.

113: Asanuma M, Aoyama T, Sakai K, Asano K, Uehara T, Hongo K. Hematogenous extraneural metastasis of the germinomatous component of a pineal mixed germ cell tumor. *Brain Tumor Pathol.* 2012 Oct;29(4):245-50. PubMed PMID: 22286191; PubMed Central PMCID: PMC3493664.

114: Horiuchi T, Yamamoto Y, Kuroiwa M, Rahmah NN, Hongo K. Pontine infarction caused by medial branch injury of the basilar artery as a rare complication of cisternal drain placement. *J Clin Neurosci.* 2012 Apr;19(4):592-3. doi: 10.1016/j.jocn.2011.07.036. Epub 2012 Jan 28. PubMed PMID: 22285477.

115: Ito K, Aoyama T, Kiuchi T, Okada M, Kanaya K, Muraoka H, Horiuchi T, Hongo K. Ventral intradural endodermal cyst in the cervical spine treated with anterior corpectomy-case report. *Neurol Med Chir (Tokyo).* 2011;51(12):863-6. PubMed PMID: 22198113.

116: Sasaki T, Nakamura Y, Yomo S, Sekiguchi Y, Kodama K, Ichikawa Y, Hongo K. The posterior cervical triangle approach for high carotid artery exposure in carotid endarterectomy. *J Neurosurg.* 2012 Mar;116(3):680-4. doi: 10.3171/2011.11.JNS11563. Epub 2011 Dec 23. PubMed PMID: 22196095.

- 117: Rahmah NN, Sakai K, Sano K, Hongo K. Expression of RECK in endothelial cells of glioma: comparison with CD34 and VEGF expressions. *J Neurooncol.* 2012 May;107(3):559-64. doi: 10.1007/s11060-011-0778-z. Epub 2011 Dec 20. PubMed PMID: 22183444.
- 118: Kusano Y, Horiuchi T, Tanaka Y, Tsuji T, Hongo K. Transient Kluver-Bucy syndrome caused by cerebral edema following aneurysmal subarachnoid hemorrhage. *Clin Neurol Neurosurg.* 2012 Apr;114(3):294-6. doi: 10.1016/j.clineuro.2011.10.027. Epub 2011 Dec 5. PubMed PMID: 22152785.
- 119: Murata T, Horiuchi T, Hanaoka Y, Muraoka H, Goto T, Ito K, Sakai K, Hongo K. "Kissing" brainstem cavernous angiomas removed using a trans-fourth ventricular floor approach-case report. *Neurol Med Chir (Tokyo).* 2011;51(10):724-7. PubMed PMID: 22027251.
- 120: Horiuchi T, Hongo K. Clipping surgery for aneurysmal subarachnoid hemorrhage in patients aged 75 years or older. *Neurol Res.* 2011 Oct;33(8):853-7. doi: 10.1179/1743132811Y.0000000013. PubMed PMID: 22004709.
- 121: Uchiyama T, Horiuchi T, Murata T, Hongo K. Dural arteriovenous fistula between inferolateral trunk of the internal carotid artery and superficial sylvian vein. *Neurol Med Chir (Tokyo).* 2011;51(9):642-4. PubMed PMID: 21946728.
- 122: Horiuchi T, Hongo K, Shibuya M. Scissoring of cerebral aneurysm clips: mechanical endurance of clip twisting. *Neurosurg Rev.* 2012 Apr;35(2):219-24; discussion 224-5. doi: 10.1007/s10143-011-0347-0. Epub 2011 Sep 13. PubMed PMID: 21912864.
- 123: Li Y, Horiuchi T, Yako T, Ishizaka S, Hongo K. Anomalous origin of the ophthalmic artery from the anterior cerebral artery. *Neurol Med Chir (Tokyo).* 2011;51(8):579-81. PubMed PMID: 21869580.
- 124: Goto T, Muraoka H, Kodama K, Hara Y, Yako T, Hongo K. Intraoperative Monitoring of Motor Evoked Potential for the Facial Nerve Using a Cranial Peg-Screw Electrode and a "Threshold-level" Stimulation Method. *Skull Base.* 2010 Nov;20(6):429-34. doi: 10.1055/s-0030-1261270. PubMed PMID: 21772800; PubMed Central PMCID: PMC3134811.
- 125: Kobayashi T, Sakai K, Tada T, Sekiguchi Y, Hara Y, Kodama K, Goto T, Tanaka Y, Sano K, Nakayama J, Hongo K. Gliosarcoma arising from a fibrillary astrocytoma. *J Clin Neurosci.* 2011 Sep;18(9):1251-4. doi: 10.1016/j.jocn.2010.07.152. Epub 2011 Jul 6. PubMed PMID: 21737284.
- 126: Kusano Y, Horiuchi T, Oya F, Miyaoka Y, Oguchi K, Takemae T, Hongo K. Ectopic pituitary neuroendocrine tumor associated with an empty sella: a case report and review of the literature. *J Neuroimaging.* 2013 Jan;23(1):135-6. doi: 10.1111/j.1552-6569.2011.00620.x. Epub 2011 Jun 23. Review. PubMed PMID: 21699614.
- 127: Horiuchi T, Hara Y, Sasaki T, Nagashima H, Hongo K. Suboccipital approach for primitive trigeminal artery obliteration associated with cavernous aneurysm. *World Neurosurg.* 2010 Oct-Nov;74(4-5):494-6. doi: 10.1016/j.wneu.2010.06.029. Epub 2011 Jan 12. PubMed PMID: 21492600.
- 128: Rahmah NN, Murata T, Yako T, Horiuchi T, Hongo K. Correlation between squamous suture and sylvian fissure: OSIRIX DICOM viewer study. *PLoS One.* 2011 Mar 31;6(3):e18199. doi: 10.1371/journal.pone.0018199. PubMed PMID: 21483821; PubMed Central PMCID: PMC3069062.
- 129: Rahmah NN, Horiuchi T, Kusano Y, Sasaki T, Hongo K. De novo aneurysm: case reports and literature review. *Neurosurgery.* 2011 Sep;69(3):E761-6; discussion E766-7. doi: 10.1227/NEU.0b013e3182196489. PubMed PMID: 21471840.

- 130: Murata T, Horiuchi T, Rahmah NN, Sakai K, Hongo K. Three-dimensional magnetic resonance imaging based on time-of-flight magnetic resonance angiography for superficial cerebral arteriovenous malformation—technical note. *Neurol Med Chir (Tokyo)*. 2011;51(2):163-7. PubMed PMID: 21358166.
- 131: Murata T, Horiuchi T, Goto T, Li Y, Hongo K. Vasomotor response induced by change of extracellular potassium and magnesium in cerebral penetrating arterioles. *Neurosci Res*. 2011 May;70(1):30-4. doi: 10.1016/j.neures.2011.01.017. Epub 2011 Feb 1. PubMed PMID: 21291925.
- 132: Li Y, Horiuchi T, Murata T, Hongo K. Mechanism of alkalosis-induced constriction of rat cerebral penetrating arterioles. *Neurosci Res*. 2011 May;70(1):98-103. doi: 10.1016/j.neures.2011.01.009. Epub 2011 Jan 21. PubMed PMID: 21256899.
- 133: Sakai K, Miyahara T, Tsutsumi K, Kaneko T, Fukushima M, Tanaka Y, Hongo K. Spontaneous regression of multicentric pilocytic astrocytoma with CSF dissemination in an adult. *Brain Tumor Pathol*. 2011 Apr;28(2):151-6. doi: 10.1007/s10014-010-0015-z. Epub 2011 Jan 6. PubMed PMID: 21210237.
- 134: Ito K, Yanagawa T, Horiuchi T, Sakai K, Hongo K. [Application of a polyethylene glycol hydrogel sealant system to prevent CSF leakage for lumbar intradural surgery: technical case report]. *No Shinkei Geka*. 2010 Dec;38(12):1127-31. Japanese. PubMed PMID: 21160106.
- 135: Rahmah NN, Horiuchi T, Nakayama J, Nitta J, Hongo K. Cutaneous malignant melanoma “recurred as” or “in coexistence” with meningioma? *Surg Neurol Int*. 2010 Oct 6;1:60. doi: 10.4103/2152-7806.70853. PubMed PMID: 20975977; PubMed Central PMCID: PMC2958332.
- 136: Momose M, Takaki A, Matsushita T, Yanagisawa S, Yano K, Miyasaka T, Ogura Y, Kadoya M. Usefulness of the automatic quantitative estimation tool for cerebral blood flow: clinical assessment of the application software tool AQCEL. *Ann Nucl Med*. 2011 Jan;25(1):13-9. doi: 10.1007/s12149-010-0422-6. Epub 2010 Oct 13. PubMed PMID: 20941556.
- 137: Ogihara N, Takahashi J, Hirabayashi H, Hashidate H, Kato H. Long-term results of computer-assisted posterior occipitocervical reconstruction. *World Neurosurg*. 2010 Jun;73(6):722-8. doi: 10.1016/j.wneu.2010.02.067. PubMed PMID: 20934164.
- 138: Kakizawa Y, Seguchi T, Horiuchi T, Hongo K. Cerebral aneurysm clips in the 3-tesla magnetic field. Laboratory investigation. *J Neurosurg*. 2010 Oct;113(4):859-69. doi: 10.3171/2010.3.JNS091346. PubMed PMID: 20672898.
- 139: Horiuchi T, Kusano Y, Yako T, Murata T, Kakizawa Y, Hongo K. Ruptured anterior paraclinoid aneurysms. *Neurosurg Rev*. 2011 Jan;34(1):49-55. doi: 10.1007/s10143-010-0272-7. Epub 2010 Jul 22. PubMed PMID: 20652614.
- 140: Kusano Y, Horiuchi T, Seguchi T, Kakizawa Y, Tanaka Y, Hongo K. Local brain herniation after partial membranectomy for organized chronic subdural hematoma in an adult patient: case report and review of the literature. *Brain Inj*. 2010;24(9):1118-21. doi: 10.3109/02699052.2010.490515. Review. PubMed PMID: 20569047.
- 141: Sakamoto M, Yokouchi K, Sekiguchi Y, Fukushima N, Kawagishi K, Kakegawa A, Sumitomo N, Moriizumi T. Re-evaluation of spontaneous regeneration of the lateral olfactory tract. *Neurosci Res*. 2010 Sep;68(1):15-21. doi: 10.1016/j.neures.2010.05.004. Epub 2010 May 27. PubMed PMID: 20553772.

- 142: Ito K, Miyahara T, Goto T, Horiuchi T, Sakai K, Hongo K. Solitary metastatic cauda equina tumor from breast cancer -case report-. *Neurol Med Chir (Tokyo)*. 2010;50(5):417-20. PubMed PMID: 20505303.
- 143: Murata T, Horiuchi T, Nitta J, Sakai K, Ogiwara T, Kobayashi S, Hongo K. Urgent open embolectomy for cardioembolic cervical internal carotid artery occlusion. *Neurosurg Rev*. 2010 Jul;33(3):341-8; discussion 348. doi: 10.1007/s10143-010-0252-y. Epub 2010 Mar 20. PubMed PMID: 20306106.
- 144: Kodama K, Goto T, Sato A, Sakai K, Tanaka Y, Hongo K. Standard and limitation of intraoperative monitoring of the visual evoked potential. *Acta Neurochir (Wien)*. 2010 Apr;152(4):643-8. doi: 10.1007/s00701-010-0600-2. Epub 2010 Feb 2. PubMed PMID: 20127123.
- 145: Murata T, Shigeta H, Horiuchi T, Sakai K, Hongo K. Globular subdural hematoma in a shunt-treated infant: case report. *J Neurosurg Pediatr*. 2010 Feb;5(2):210-2. doi: 10.3171/2009.9.PEDS09391. PubMed PMID: 20121374.
- 146: Rahmah NN, Sakai K, Nakayama J, Hongo K. Reversion-inducing cysteine-rich protein with kazal motifs and matrix metalloproteinase-9 are prognostic markers in skull base chordomas. *Neurosurg Rev*. 2010 Apr;33(2):167-73; discussion 173. doi: 10.1007/s10143-009-0228-y. Epub 2009 Oct 28. PubMed PMID: 19862564.
- 147: Akaishi K, Nakayama J, Sakai K, Kobayashi T, Rutka JT. Antigen p57/Kip2 as a potential negative regulator of human astrocytoma growth. *J Clin Neurosci*. 2009 Dec;16(12):1615-8. doi: 10.1016/j.jocn.2009.05.007. Epub 2009 Oct 12. PubMed PMID: 19822429.
- 148: Kusano Y, Seguchi T, Horiuchi T, Kakizawa Y, Kobayashi T, Tanaka Y, Seguchi K, Hongo K. Prediction of functional outcome in acute cerebral hemorrhage using diffusion tensor imaging at 3T: a prospective study. *AJNR Am J Neuroradiol*. 2009 Sep;30(8):1561-5. doi: 10.3174/ajnr.A1639. Epub 2009 Jun 25. PubMed PMID: 19556354.
- 149: Okada Y, Kamijo Y, Okazaki K, Masuki S, Goto M, Nose H. Pressor responses to isometric biting are evoked by somatosensory receptors in periodontal tissue in humans. *J Appl Physiol (1985)*. 2009 Aug;107(2):531-9. doi: 10.1152/japplphysiol.91199.2008. Epub 2009 May 28. PubMed PMID: 19478191.
- 150: Ito K, Ishizaka S, Sasaki T, Miyahara T, Horiuchi T, Sakai K, Shigeta H, Hongo K. Safe and minimally invasive laminoplasty laminotomy using an ultrasonic bone curette for spinal surgery: technical note. *Surg Neurol*. 2009 Nov;72(5):470-5; discussion 475. doi: 10.1016/j.surneu.2009.01.012. Epub 2009 Mar 27. PubMed PMID: 19328534.
- 151: Hirabayashi H, Takahashi J, Kato H, Ebara S, Takahashi H. Surgical resection without dural reconstruction of a lumbar meningioma in an elderly woman. *Eur Spine J*. 2009 Jul;18 Suppl 2:232-5. doi: 10.1007/s00586-009-0895-y. Epub 2009 Feb 14. PubMed PMID: 19219468; PubMed Central PMCID: PMC2899553.
- 152: Horiuchi T, Tanaka Y, Kusano Y, Yako T, Sasaki T, Hongo K. Relationship between the ophthalmic artery and the dural ring of the internal carotid artery. Clinical article. *J Neurosurg*. 2009 Jul;111(1):119-23. doi: 10.3171/2008.11.JNS08766. Erratum in: *J Neurosurg*. 2009 Jul;111(1):193. PubMed PMID: 19216649.
- 153: Horiuchi T, Nitta J, Ogiwara T, Sakai K, Hongo K. Outcome predictors of open embolectomy in middle cerebral artery occlusion. *Neurol Res*. 2009 Nov;31(9):892-4. doi:

10.1179/174313209x382494. Epub 2009 Jan 9. PubMed PMID: 19138466.

154: Goto T, Miyahara T, Toyoda K, Okamoto J, Kakizawa Y, Koyama J, Fujie MG, Hongo K. Telesurgery of Microscopic Micromanipulator System "NeuRobot" in Neurosurgery: Interhospital Preliminary Study. *J Brain Dis.* 2009 Jul 17;1:45-53. Print 2009. PubMed PMID: 23818809; PubMed Central PMCID: PMC3676353.

155: Nagashima H, Okudera H, Hongo K, Kobayashi S. Embolization of arteriovenous malformation using freeze-dried iohexol as contrast material. *J Clin Neurosci.* 1998 Jan;5(1):80-1. PubMed PMID: 18644294.

156: Singh AK, Okudera H, Kobayashi S. Traumatic carotid artery occlusion following blunt cervical injury. *J Clin Neurosci.* 1999 May;6(3):265-8. PubMed PMID: 18639169.

157: Okudera H, Kobayashi S, Takemae T, Nagashima H, Muraoka S, Takizawa T. Intraoperative non-invasive infrared imaging during resection of large arteriovenous malformations. *J Clin Neurosci.* 1998 Mar;5 Suppl:39-41. PubMed PMID: 18639098.

158: Kodama K, Hokama M, Kawaguchi K, Tanaka Y, Hongo K. Primary ALK-1-negative anaplastic large cell lymphoma of the brain: case report and review of the literature. *Neuropathology.* 2009 Apr;29(2):166-71. doi: 10.1111/j.1440-1789.2008.00935.x. Epub 2008 Jun 28. Review. PubMed PMID: 18564100.

159: Horiuchi T, Nitta J, Nakagawa F, Hongo K. Horizontal contralateral approach for the distal anterior cerebral artery aneurysm: technical note. *Surg Neurol.* 2009 Jul;72(1):65-8. doi: 10.1016/j.surneu.2008.02.021. Epub 2008 Apr 28. PubMed PMID: 18440604.

160: Hashidate H, Kamimura M, Nakagawa H, Takahara K, Uchiyama S, Kato H. Cerebellar hemorrhage after spine surgery. *J Orthop Sci.* 2008 Mar;13(2):150-4. doi: 10.1007/s00776-007-1199-x. Epub 2008 Apr 8. Review. PubMed PMID: 18392920.

161: Goto T, Tanaka Y, Kodama K, Yomo S, Hara Y, Sato A, Hongo K. Staple electrodes: an innovative alternative for intraoperative electrophysiological monitoring. *J Neurosurg.* 2008 Apr;108(4):816-9. doi: 10.3171/JNS/2008/108/4/0816. PubMed PMID: 18377265.

162: Kakizawa Y, Seguchi T, Kodama K, Ogiwara T, Sasaki T, Goto T, Hongo K. Anatomical study of the trigeminal and facial cranial nerves with the aid of 3.0-tesla magnetic resonance imaging. *J Neurosurg.* 2008 Mar;108(3):483-90. doi: 10.3171/JNS/2008/108/3/0483. PubMed PMID: 18312095.

163: Horiuchi T, Nitta J, Uehara T, Tanaka Y, Hongo K. Intraoperative angiography through the occipital artery and muscular branch of the vertebral artery: technical note. *Surg Neurol.* 2008 Dec;70(6):645-8; discussion 648. doi: 10.1016/j.surneu.2007.06.089. Epub 2008 Feb 13. PubMed PMID: 18275986.

164: Sakai K, Hongo K, Tanaka Y, Nakayama J. Analysis of immunohistochemical expression of p53 and the proliferation marker Ki-67 antigen in skull base chordomas: relationships between their expression and prognosis. *Brain Tumor Pathol.* 2007;24(2):57-62. Epub 2007 Nov 28. PubMed PMID: 18095132.

165: Sakai K, Nitta J, Horiuchi T, Ogiwara T, Kobayashi S, Tanaka Y, Hongo K. Emergency revascularization for acute main-trunk occlusion in the anterior circulation. *Neurosurg Rev.* 2008 Jan;31(1):69-76; discussion 76. Epub 2007 Oct 24. PubMed PMID: 17957395.

- 166: Goto T, Tanaka Y, Kodama K, Kusano Y, Sakai K, Hongo K. Loss of visual evoked potential following temporary occlusion of the superior hypophyseal artery during aneurysm clip placement surgery. Case report. *J Neurosurg.* 2007 Oct;107(4):865-7. PubMed PMID: 17937236.
- 167: Tanaka Y, Takemae T, Kobayashi S, Sakai K, Miyahara T, Ishizaka S, Kodama K, Kobayashi T, Ichikawa Y, Tsutsumi K, Hongo K. [Clinical analysis of treatment and long-term outcome in 56 craniopharyngiomas]. *No Shinkei Geka.* 2007 Sep;35(9):887-93. Japanese. PubMed PMID: 17867308.
- 168: Ito K, Sakai K, Yako T, Tanaka Y, Hongo K. Atlantoaxial dislocation associated with a mass in the extradural cranivertebral junction unrelated to rheumatoid arthritis. Case report. *Neurol Med Chir (Tokyo).* 2007 Apr;47(4):182-5. PubMed PMID: 17457024.
- 169: Horiuchi T, Nitta J, Sakai K, Tanaka Y, Hongo K. Emergency embolectomy for treatment of acute middle cerebral artery occlusion. *J Neurosurg.* 2007 Feb;106(2):257-62. PubMed PMID: 17410709.
- 170: Yokouchi K, Fukushima N, Kakegawa A, Kawagishi K, Fukuyama T, Moriizumi T. Functional role of lingual nerve in breastfeeding. *Int J Dev Neurosci.* 2007 Apr;25(2):115-9. Epub 2007 Jan 7. PubMed PMID: 17275242.
- 171: Horiuchi T, Nitta J, Sakai K, Tanaka Y, Hongo K. Retraction suture technique for carotid endarterectomy. *J Clin Neurosci.* 2007 Apr;14(4):369-71. Epub 2007 Jan 30. PubMed PMID: 17267223.
- 172: Koyama S, Haniu H, Osaka K, Koyama H, Kuroiwa N, Endo M, Kim YA, Hayashi T. Medical application of carbon-nanotube-filled nanocomposites: the microcatheter. *Small.* 2006 Dec;2(12):1406-11. PubMed PMID: 17192995.
- 173: Yomo S, Tada T, Hirayama S, Tachibana N, Otani M, Tanaka Y, Hongo K. A case report and review of the literature. *J Neurooncol.* 2007 Jan;81(2):209-16. Epub 2006 Sep 20. PubMed PMID: 17031563.
- 174: Hongo K, Goto T, Miyahara T, Kakizawa Y, Koyama J, Tanaka Y. Telecontrolled micromanipulator system (NeuRobot) for minimally invasive neurosurgery. *Acta Neurochir Suppl.* 2006;98:63-6. PubMed PMID: 17009702.
- 175: Koyama J, Aoyama T, Kusano Y, Seguchi T, Kawagishi K, Iwashita T, Okamoto K, Okudera H, Takasuna H, Hongo K. Description and first clinical application of AirWay Scope for tracheal intubation. *J Neurosurg Anesthesiol.* 2006 Oct;18(4):247-50. PubMed PMID: 17006122.
- 176: Horiuchi T, Tanaka Y, Hongo K. Sex-related differences in patients treated surgically for aneurysmal subarachnoid hemorrhage. *Neurol Med Chir (Tokyo).* 2006 Jul;46(7):328-32; discussion 332. PubMed PMID: 16861825.
- 177: Kakegawa A, Yokouchi K, Fukushima N, Fukuyama T, Moriizumi T. Motor neurons essential for normal sciatic function in neonatally nerve-injured rats. *Neuroreport.* 2006 Jul 31;17(11):1149-52. PubMed PMID: 16837844.
- 178: Fukuyama T, Yokouchi K, Fukushima N, Kawagishi K, Kakegawa A, Moriizumi T. Differential effects of hypoglossal and facial nerve injuries on survival and growth of rats at different developmental stages. *Int J Dev Neurosci.* 2006 Aug;24(5):307-17. Epub 2006 Jun 27. PubMed PMID: 16806789.
- 179: Kitoh T, Kobayashi K, Ina H, Ofusa Y, Otagiri T, Tanaka S, Ono K. Effects of lumbar sympathetic ganglion block for a patient with amyotrophic lateral sclerosis (ALS). *J Anesth.* 2006;20(2):109-12. PubMed PMID: 16633768.

- 180: Yomo S, Hongo K, Kuroyanagi T, Kobayashi S. Parkinsonism and midbrain dysfunction after shunt placement for obstructive hydrocephalus. *J Clin Neurosci.* 2006 Apr;13(3):373-8. Epub 2006 Mar 20. PubMed PMID: 16542840.
- 181: Murata T, Shigeta H, Sato A, Tanaka Y, Hongo K. [Intratumoral hemorrhage in choriocarcinoma during neuroendoscopic third ventriculostomy: case report]. *No Shinkei Geka.* 2006 Mar;34(3):305-10. Japanese. PubMed PMID: 16529025.
- 182: Kusano Y, Tanaka Y, Takasuna H, Wada N, Tada T, Kakizawa Y, Hongo K. Transient cerebellar mutism caused by bilateral damage to the dentate nuclei after the second posterior fossa surgery. Case report. *J Neurosurg.* 2006 Feb;104(2):329-31. PubMed PMID: 16509510.
- 183: Tada T, Zhan H, Tanaka Y, Hongo K, Matsumoto K, Nakamura T. Intraventricular administration of hepatocyte growth factor treats mouse communicating hydrocephalus induced by transforming growth factor beta1. *Neurobiol Dis.* 2006 Mar;21(3):576-86. Epub 2005 Dec 13. PubMed PMID: 16352434.
- 184: Iwashita T, Kitazawa K, Koyama J, Nagashima H, Koyama T, Tanaka Y, Hongo K. A saccular-like dissecting aneurysm of the anterior cerebral artery that developed 2 years after an ischemic event. *Surg Neurol.* 2005 Dec;64(6):538-41, discussion 541. PubMed PMID: 16293477.
- 185: Tada T, Hongo K. [Normal pressure hydrocephalus after subarachnoid hemorrhage and TGF-beta1 induced mouse hydrocephalus]. *No Shinkei Geka.* 2005 Aug;33(8):751-7. Review. Japanese. PubMed PMID: 16095205.
- 186: Kyoshima K, Kakizawa Y, Tokushige K, Akaishi K, Kanaji M, Kuroyanagi T. Odontoid compression of the brainstem without basilar impression- "odontoid invagination". *J Clin Neurosci.* 2005 Jun;12(5):565-9. PubMed PMID: 16051095.
- 187: Tada T, Nguyen JB, Hitoshi Y, Watson NP, Dunn JF, Ohara S, Nagano S, Kosai K, Israel MA. Diffuse encephaloventriculitis and substantial leukoencephalopathy after intraventricular administration of recombinant adenovirus. *Neurol Res.* 2005 Jun;27(4):378-86. PubMed PMID: 15949235.
- 188: Higashiyama F, Fukushima N, Yokouchi K, Kawagishi K, Moriizumi T. The minimum number of facial motor neurons essential for minimal whisker movement in neonatally nerve-transected young adult rats. *J Neurosurg.* 2005 May;102(4 Suppl):390-5. PubMed PMID: 15926390.
- 189: Kyoshima K, Horiuchi T, Zenisaka H, Nakazato F. Thoracic dumbbell intra- and extramedullary schwannoma. *J Clin Neurosci.* 2005 May;12(4):481-4. PubMed PMID: 15925790.
- 190: Zhan H, Tada T, Fujikura E, Matsumoto K, Tanaka Y, Hongo K. A container for transporting small laboratory animals for magnetic resonance imaging. *J Neurosci Methods.* 2005 May 15;144(1):143-6. PubMed PMID: 15848248.
- 191: Kitazawa K, Hongo K, Tanaka Y, Oikawa S, Kyoshima K, Kobayashi S. Postoperative vasospasm of unruptured paraclinoid carotid aneurysms: analysis of 30 cases. *J Clin Neurosci.* 2005 Feb;12(2):150-5. PubMed PMID: 15749416.
- 192: Horiuchi T, Tanaka Y, Hongo K. Surgical treatment for aneurysmal subarachnoid hemorrhage in the 8th and 9th decades of life. *Neurosurgery.* 2005 Mar;56(3):469-75; discussion 469-75. Review. PubMed PMID: 15730571.
- 193: Oikawa S, Kawagishi K, Yokouchi K, Fukushima N, Moriizumi T. Immunohistochemical

- determination of the sympathetic pathway in the orbit via the cranial nerves in humans. *J Neurosurg.* 2004 Dec;101(6):1037-44. PubMed PMID: 15597766.
- 194: Tanaka Y, Hongo K, Oya F, Goto T, Miyahara T, Takasuna H, Nakamura K. [Concept and practice of Sugita's microneurosurgical system]. *No Shinkei Geka.* 2004 Oct;32(10):1009-16. Review. Japanese. PubMed PMID: 15529787.
- 195: Saesue P, Horiuchi T, Goto T, Tanaka Y, Hongo K. Functional role of the Na⁺/H⁺ exchanger in the regulation of cerebral arteriolar tone in rats. *J Neurosurg.* 2004 Aug;101(2):330-5. PubMed PMID: 15309927.
- 196: Kyoshima K, Akaishi K, Tokushige K, Muraoka H, Oikawa S, Watanabe A, Koyama J, Kobayashi S, Unoki T, Goto T, Wada N, Uehara T. Surgical experience with resection en bloc of intramedullary astrocytomas and ependymomas in the cervical and cervicothoracic region. *J Clin Neurosci.* 2004 Aug;11(6):623-8. PubMed PMID: 15261235.
- 197: Sakai K, Tanaka Y, Hongo K, Tada T, Shigeta H, Kobayashi S. [Treatment of craniopharyngiomas in children]. *No Shinkei Geka.* 2004 Apr;32(4):345-53. Japanese. PubMed PMID: 15227841.
- 198: Fukushima N, Fujita K, Yokouchi K, Kawagishi K, Moriizumi T. Effects of bilateral resection of facial nerves on suckling in developing rats. *Brain Res Bull.* 2004 Feb 1;62(5):385-9. PubMed PMID: 15168903.
- 199: Sakai K, Shigeta H, Ogiso Y, Hongo K, Kobayashi S, Hirose T. Pediatric embryonal tumor with epithelial immunophenotype showing absence of hSNF5/INI1 expression. *Childs Nerv Syst.* 2005 Feb;21(2):150-5. Epub 2004 May 25. PubMed PMID: 15168054.
- 200: Kyoshima K, Sakai K, Kanaji M, Oikawa S, Kobayashi S, Sato A, Nakayama J. Symmetric dumbbell ganglioneuromas of bilateral C2 and C3 roots with intradural extension associated with von Recklinghausen's disease: case report. *Surg Neurol.* 2004 May;61(5):468-73; discussion 473. Review. PubMed PMID: 15120227.
- 201: Horiuchi T, Tanaka Y, Takasawa H, Murata T, Yako T, Hongo K. Ruptured distal middle cerebral artery aneurysm. *J Neurosurg.* 2004 Mar;100(3):384-8. PubMed PMID: 15035272.
- 202: Zhan H, Tada T, Nakazato F, Tanaka Y, Hongo K. Spatial learning transiently disturbed by intraventricular administration of ouabain. *Neurol Res.* 2004 Jan;26(1):35-40. PubMed PMID: 14977055.
- 203: Kyoshima K, Kuroyanagi T, Toriyama T, Takizawa T, Hirooka Y, Miyama H, Tanabe A, Oikawa S. Surgical experience of syringomyelia with reference to the findings of magnetic resonance imaging. *J Clin Neurosci.* 2004 Apr;11(3):273-9. PubMed PMID: 14975416.
- 204: Goto T, Hongo K, Kakizawa Y, Muraoka H, Miyairi Y, Tanaka Y, Kobayashi S. Clinical application of robotic telemanipulation system in neurosurgery. Case report. *J Neurosurg.* 2003 Dec;99(6):1082-4. PubMed PMID: 14705738.
- 205: Kyoshima K, Sakai K, Goto T, Tanabe A, Sato A, Nagashima H, Nakayama J. Gross total surgical removal of malignant glioma from the medulla oblongata: report of two adult cases with reference to surgical anatomy. *J Clin Neurosci.* 2004 Jan;11(1):75-80. PubMed PMID: 14642374.
- 206: Tanaka Y, Hongo K, Kobayashi S. [Surgery for acoustic tumor]. *No Shinkei Geka.* 2003 Oct;31(10):1061-70. Japanese. PubMed PMID: 14598643.

- 207: Sakai K, Okudera H, Hongo K. Significant elevation of urinary trypsin inhibitor in patients with brain contusion-a preliminary report. *J Clin Neurosci.* 2003 Nov;10(6):677-9. PubMed PMID: 14592616.
- 208: Koyama J, Yokouchi K, Fukushima N, Kawagishi K, Higashiyama F, Morizumi T. Neurotrophic effect of hepatocyte growth factor on neonatal facial motor neurons. *Neurol Res.* 2003 Oct;25(7):701-7. PubMed PMID: 14579786.
- 209: Iwashita T, Tada T, Zhan H, Tanaka Y, Hongo K. Harvesting blood stem cells from cranial bone at craniotomy-a preliminary study. *J Neurooncol.* 2003 Sep;64(3):265-70. PubMed PMID: 14558603.
- 210: Ito K, Tanaka Y, Kakizawa Y, Hongo K, Kobayashi S. Aneurysm at the posterior inferior cerebellar artery of extradural origin for preoperative evaluation of safe clipping: case report and review of the literature. *Surg Neurol.* 2003 Oct;60(4):329-33; discussion 333. Review. PubMed PMID: 14505854.
- 211: Tanaka Y, Hongo K, Tada T, Kakizawa Y, Kobayashi S. Protective dural flap for bone drilling at the paraclinoid region and porus acusticus-technical note. *Neurol Med Chir (Tokyo).* 2003 Aug;43(8):416-8; discussion 418. Review. PubMed PMID: 12968812.
- 212: Kyoshima K, Oikawa S, Kanaji M, Zenisaka H, Takizawa T, Goto T, Takasawa H, Watanabe A, Tokushige K, Sakai K. Repeat operations in the management of clival chordomas: palliative surgery. *J Clin Neurosci.* 2003 Sep;10(5):571-8. PubMed PMID: 12948462.
- 213: Kyoshima K, Bogdanov EI. Spontaneous resolution of syringomyelia: report of two cases and review of the literature. *Neurosurgery.* 2003 Sep;53(3):762-8; discussion 768-9. Review. PubMed PMID: 12943593.
- 214: Tanaka Y, Hongo K, Tada T, Kobayashi S. What is the best method for reporting tumor diameter in vestibular schwannoma? *Neurosurgery.* 2003 Sep;53(3):634-7; discussion 637-8. PubMed PMID: 12943580.
- 215: Horiuchi T, Tanaka Y, Hongo K, Nitta J, Kusano Y, Kobayashi S. Characteristics of distal posteroinferior cerebellar artery aneurysms. *Neurosurgery.* 2003 Sep;53(3):589-95; discussion 595-6. PubMed PMID: 12943575.
- 216: Masuki S, Nose H. Arterial baroreflex control of muscle blood flow at the onset of voluntary locomotion in mice. *J Physiol.* 2003 Nov 15;553(Pt 1):191-201. Epub 2003 Aug 22. PubMed PMID: 12937292; PubMed Central PMCID: PMC2343480.
- 217: Kyoshima K, Uehara T, Koyama J, Idomari K, Yomo S. Dumbbell C2 schwannomas involving both sensory and motor rootlets: report of two cases. *Neurosurgery.* 2003 Aug;53(2):436-9; discussion 439-40. PubMed PMID: 12925264.
- 218: Horiuchi T, Tanaka Y, Hongo K, Kobayashi S. Aneurysmal subarachnoid hemorrhage in young adults: a comparison between patients in the third and fourth decades of life. *J Neurosurg.* 2003 Aug;99(2):276-9. PubMed PMID: 12924700.
- 219: Kyoshima K, Tsuji T, Toriyama T, Kitazawa K. En Bloc removal of soft tumors within the brain parenchyma using spoon retractors: traction-dissection method. Technical note. *Surg Neurol.* 2003 Aug;60(2):170-3. PubMed PMID: 12900135.
- 220: Kyoshima K, Kakizawa Y, Tokushige K. Simple cervical spine traction using a halo vest apparatus: technical note. *Surg Neurol.* 2003 Jun;59(6):518-21; discussion 521. PubMed PMID: 12826362.

- 221: Tanaka Y, Kobayashi S, Hongo K, Tada T, Sato A, Takasuna H. Clinical and neuroimaging characteristics of hydrocephalus associated with vestibular schwannoma. *J Neurosurg.* 2003 Jun;98(6):1188-93. PubMed PMID: 12816262.
- 222: Kamijo Y, Koyama J, Oikawa S, Koizumi Y, Yokouchi K, Fukushima N, Moriizumi T. Regenerative process of the facial nerve: rate of regeneration of fibers and their bifurcations. *Neurosci Res.* 2003 Jun;46(2):135-43. PubMed PMID: 12767476.
- 223: Koyama J, Yokouchi K, Fukushima N, Kawagishi K, Moriizumi T. Great potentiality of neonatal facial motor neurons for neural plasticity as determined by functionally essential neuronal population. *Neurosci Res.* 2003 May;46(1):85-93. PubMed PMID: 12725915.
- 224: Hayashi R, Hashimoto T, Tada T, Ikeda S. Effects of unilateral pallidotomy on voluntary movement, and simple and choice reaction times in Parkinson's disease. *Mov Disord.* 2003 May;18(5):515-23. PubMed PMID: 12722165.
- 225: Attia W, Tada T, Hongo K, Nagashima H, Takemae T, Tanaka Y, Kobayashi S. Microvascular pathological features of immediate perinidal parenchyma in cerebral arteriovenous malformations: giant bed capillaries. *J Neurosurg.* 2003 Apr;98(4):823-7. PubMed PMID: 12691408.
- 226: Goto T, Hongo K, Iwashita T, Nagashima H, Oikawa S, Kyoshima K, Kobayashi S. Paget disease causing intracerebral mucoceles. Case illustration. *J Neurosurg.* 2003 Mar;98(3):643. PubMed PMID: 12650443.
- 227: Kakizawa Y, Hongo K, Takasawa H, Miyairi Y, Sato A, Tanaka Y, Kobayashi S. "Real" three-dimensional constructive interference in steady-state imaging to discern microneurosurgical anatomy. Technical note. *J Neurosurg.* 2003 Mar;98(3):625-30. PubMed PMID: 12650439.
- 228: Tateiwa Y, Kamimura M, Itoh H, Kinoshita T, Yuzawa Y, Takaoka K, Ohtsuka K. Multilevel subtotal corpectomy and interbody fusion using a fibular bone graft for cervical myelopathy due to ossification of the posterior longitudinal ligament. *J Clin Neurosci.* 2003 Mar;10(2):199-207. PubMed PMID: 12637049.
- 229: Kobayashi S, Koyama J, Yokouchi K, Fukushima N, Oikawa S, Moriizumi T. Functionally essential neuronal population of the facial motor nucleus. *Neurosci Res.* 2003 Mar;45(3):357-61. PubMed PMID: 12631471.
- 230: Shiohara S, Ohara M, Itoh K, Shiozawa T, Konishi I. Successful treatment with stereotactic radiosurgery for brain metastases of endometrial carcinoma: a case report and review of the literature. *Int J Gynecol Cancer.* 2003 Jan-Feb;13(1):71-6. Review. PubMed PMID: 12631224.
- 231: Tanaka Y, Hongo K, Tada T, Sakai K, Kakizawa Y, Kobayashi S. Growth pattern and rate in residual nonfunctioning pituitary neuroendocrine tumors: correlations among tumor volume doubling time, patient age, and MIB-1 index. *J Neurosurg.* 2003 Feb;98(2):359-65. PubMed PMID: 12593623.
- 232: Hongo K, Horiuchi T, Nitta J, Tanaka Y, Tada T, Kobayashi S. Double-insurance bypass for internal carotid artery aneurysm surgery. *Neurosurgery.* 2003 Mar;52(3):597-602; discussion 600-2. PubMed PMID: 12590684.
- 233: Goto T, Hongo K, Koyama J, Kobayashi S. Feasibility of using the potassium titanyl phosphate laser with micromanipulators in robotic neurosurgery: a preliminary study in the rat. *J Neurosurg.* 2003 Jan;98(1):131-5. PubMed PMID: 12546361.

- 234: Hongo K, Tanaka Y, Horiuchi T, Tada T, Kobayashi S. Internal carotid artery rotation technique to expose an aneurysm neck: technical note. *Neurosurgery*. 2003 Feb;52(2):455-7; discussion 457. PubMed PMID: 12535379.
- 235: Kyoshima K, Kuroyanagi T, Oya F, Kamijo Y, El-Noamany H, Kobayashi S. Syringomyelia without hindbrain herniation: tight cisterna magna. Report of four cases and a review of the literature. *J Neurosurg*. 2002 Mar;96(2 Suppl):239-49. Review. PubMed PMID: 12450289.
- 236: Masuki S, Takeoka M, Taniguchi S, Nose H. Enhanced baroreflex sensitivity in free-moving calponin knockout mice. *Am J Physiol Heart Circ Physiol*. 2003 Mar;284(3):H939-46. Epub 2002 Nov 14. PubMed PMID: 12433658.
- 237: Hashimoto T, Sato H, Shindo M, Hayashi R, Ikeda S. Peripheral mechanisms in tremor after traumatic neck injury. *J Neurol Neurosurg Psychiatry*. 2002 Nov;73(5):585-7. PubMed PMID: 12397157; PubMed Central PMCID: PMC1738132.
- 238: Nakajima K, Furukawa Y, Kurogouchi F, Tsuboi M, Chiba S. Autonomic control of the location and rate of the cardiac pacemaker in the sinoatrial fat pad of parasympathetically denervated dog hearts. *J Cardiovasc Electrophysiol*. 2002 Sep;13(9):896-901. PubMed PMID: 12380928.
- 239: Ito K, Hongo K, Kakizawa Y, Kobayashi S. Three-dimensional contrast medium-enhanced computed tomographic cisternography for preoperative evaluation of surgical anatomy of intradural paraclinoid aneurysms of the internal carotid artery: technical note. *Neurosurgery*. 2002 Oct;51(4):1089-92; discussion 1092-3. PubMed PMID: 12234423.
- 240: Koyama J, Hongo K, Okudera H, Nitta J, Kusano Y, Kobayashi S. Modified, multipurpose, radiolucent sugita head frame for intraoperative cerebral angiography. *Neurosurgery*. 2002 Oct;51(4):989-92; discussion 992. PubMed PMID: 12234408.
- 241: Hongo K, Kobayashi S, Kakizawa Y, Koyama J, Goto T, Okudera H, Kan K, Fujie MG, Iseki H, Takakura K. NeuRobot: telecontrolled micromanipulator system for minimally invasive microneurosurgery-preliminary results. *Neurosurgery*. 2002 Oct;51(4):985-8; discussion 988. PubMed PMID: 12234407.
- 242: Kobayashi S, Teramoto A. The current state of neurosurgery in Japan. *Neurosurgery*. 2002 Oct;51(4):864-70. PubMed PMID: 12234392.
- 243: Kyoshima K. Arm-down Concorde position: a technical note. *Surg Neurol*. 2002 Jun;57(6):443-5; discussion 445-6. Review. PubMed PMID: 12176216.
- 244: Tanaka Y, Kobayashi S, Hongo K, Tada T, Kakizawa Y. Chronic subdural hematoma after transsphenoidal surgery. *J Clin Neurosci*. 2002 May;9(3):323-5. PubMed PMID: 12093147.
- 245: Koyama J, Hongo K, Kakizawa Y, Goto T, Kobayashi S. Endoscopic telerobotics for neurosurgery: preliminary study for optimal distance between an object lens and a target. *Neurol Res*. 2002 Jun;24(4):373-6. PubMed PMID: 12069284.
- 246: Kakizawa Y, Nagashima H, Oya F, Ito K, Tanaka Y, Hongo K, Kobayashi S. Compartments in arteriovenous malformation nidi demonstrated with rotational three-dimensional digital subtraction angiography by using selective microcatheterization. Report of three cases. *J Neurosurg*. 2002 Apr;96(4):770-4. PubMed PMID: 11990820.
- 247: Tanaka Y, Hongo K, Tada T, Nagashima H, Horiuchi T, Goto T, Koyama J, Kobayashi S.

- Radiometric analysis of paraclinoid carotid artery aneurysms. *J Neurosurg.* 2002 Apr;96(4):649-53. PubMed PMID: 11990802.
- 248: Kobayashi S, Hongo K, Okudera H. The First Shinshu International Seminar on Surgery of Arteriovenous Malformation, held in 1986. *J Clin Neurosci.* 2002 May;9 Suppl 1:26-31. PubMed PMID: 123570152.
- 249: Kyoshima K, Ito K, Tanabe A, Iwashita T, Goto T, Sato A, Nakayama J. Malignant astrocytoma of the conus medullaris treated by spinal cordectomy. *J Clin Neurosci.* 2002 Mar;9(2):211-6. PubMed PMID: 11922720.
- 250: Iwashita T, Tanaka Y, Hongo K, Koyama Ji J, Koyama T, Nitta J. Aneurysm originating from the fenestration of the posterior cerebral artery: case report. *Neurosurgery.* 2002 Apr;50(4):881-4; discussion 884. PubMed PMID: 11904044.
- 251: Kyoshima K, Matsuo K, Kushima H, Oikawa S, Idomari K, Kobayashi S. Degloving transfacial approach with Le Fort I and nasomaxillary osteotomies: alternative transfacial approach. *Neurosurgery.* 2002 Apr;50(4):813-20; discussion 820-1. PubMed PMID: 11904033.
- 252: Nitta J, Tada T, Kyoshima K, Goto T, Ishii K, Hongo K, Kobayashi S. Atypical pleomorphic astrocytoma in the pineal gland: case report. *Neurosurgery.* 2001 Dec;49(6):1458-60; discussion 1460-1. PubMed PMID: 11846948.
- 253: El-Noamany H, Nakagawa F, Hongo K, Kakizawa Y, Kobayashi S. Low anterior interhemispheric approach-a narrow corridor to aneurysms of the anterior communicating artery. *Acta Neurochir (Wien).* 2001 Sep;143(9):885-91. PubMed PMID: 11685620.
- 254: Oikawa S, Kyoshima K, Goto T, Iwashita T, Takizawa T, Kobayashi S, Ito M. Histological study on local invasiveness of clival chordoma. Case report of autopsy. *Acta Neurochir (Wien).* 2001 Oct;143(10):1065-9. PubMed PMID: 11685615.
- 255: Takizawa T, Tada T, Kitazawa K, Tanaka Y, Hongo K, Kameko M, Uemura Kl. Inflammatory cytokine cascade released by leukocytes in cerebrospinal fluid after subarachnoid hemorrhage. *Neurol Res.* 2001 Oct;23(7):724-30. PubMed PMID: 11680512.
- 256: Goto T, Kitazawa K, Tada T, Tanaka Y, Hongo K, Kobayashi S. Surgical dissemination of intracranial xanthogranulomas. Case illustration. *J Neurosurg.* 2001 Sep;95(3):537. PubMed PMID: 11565883.
- 257: Akaishi K, Hongo K, Tanaka Y, Kobayashi S. Cerebellopontine angle meningioma with a high jugular bulb. *J Clin Neurosci.* 2001 Sep;8(5):452-4. PubMed PMID: 11535017.
- 258: Goel A, Muzumdar D, Nitta J, Hongo K. Plate and screw technique for advancement of the supraorbital bar in surgery for craniosynostosis: a preliminary technical report. *Br J Neurosurg.* 2001 Jun;15(3):251-3. PubMed PMID: 11478062.
- 259: Kakizawa Y, Hongo K, Tanaka Y, Okudera H, Koyama T, Kobayashi S. How to make a three-dimensional surgical illustration of cerebral vessels with a personal computer: technical note. *Neurosurgery.* 2001 Jul;49(1):221-4. PubMed PMID: 11440448.
- 260: Okudera H, Hongo K, Nitta J. Isocentric head fixation for microscopic neurosurgery. *J Clin Neurosci.* 2001 Jul;8(4):345-6. PubMed PMID: 11437577.

- 261: Kurimoto Y, Shibuki H, Kaneko Y, Ichikawa M, Kurokawa T, Takahashi M, Yoshimura N. Transplantation of adult rat hippocampus-derived neural stem cells into retina injured by transient ischemia. *Neurosci Lett.* 2001 Jun 22;306(1-2):57-60. PubMed PMID: 11403957.
- 262: Hongo K, Tanaka Y, Nagashima H, Oikawa S, Okudera H, Kobayashi S. Skull base techniques for multiple aneurysms in the internal carotid juxta-dural ring region. *J Clin Neurosci.* 2001 May;8 Suppl 1:89-91. PubMed PMID: 11386834.
- 263: Vhora S, Kobayashi S, Okudera H. Pineal cavernous angioma presenting with Parkinsonism. *J Clin Neurosci.* 2001 May;8(3):263-6. Review. PubMed PMID: 11386804.
- 264: Koyama T, Kyoshima K, Okudera H, Kobayashi S. Surgery of a cavernous angioma making a tunnel between the fourth ventricle and tubercle. *Neurosurg Rev.* 2001 Mar;24(1):38-40. PubMed PMID: 11339467.
- 265: Hongo K, Watanabe N, Matsushima N, Kobayashi S. Contralateral pterional approach to a giant internal carotid-ophthalmic artery aneurysm: technical case report. *Neurosurgery.* 2001 Apr;48(4):955-7; discussion 957-9. PubMed PMID: 11322460.
- 266: Kitazawa K, Tanaka Y, Muraoka S, Okudera H, Orz Y, Kyoshima K, Kobayashi S. Specific characteristics and management strategies of cerebral artery aneurysms: report of eleven cases. *J Clin Neurosci.* 2001 Jan;8(1):23-6. PubMed PMID: 11322121.
- 267: Matsumoto Y, Hongo K, Toriyama T, Nagashima H, Kobayashi S. Transradial approach for diagnostic selective cerebral angiography: results of a consecutive series of 166 cases. *AJNR Am J Neuroradiol.* 2001 Apr;22(4):704-8. PubMed PMID: 11290482.
- 268: Katsuno S, Takemae T, Ishiyama T, Usami SI. Is carotid reconstruction for advanced cancer in the neck a safe procedure? *Otolaryngol Head Neck Surg.* 2001 Feb;124(2):222-4. Review. PubMed PMID: 11226961.
- 269: Kyoshima K, Oikawa S, Kobayashi S. Preservation of large bridging veins of the cranial base: technical note. *Neurosurgery.* 2001 Feb;48(2):447-9. PubMed PMID: 11220394.
- 270: Tanaka Y, Hongo K, Tada T, Takizawa T, Kakizawa Y, Koyama J, Kobayashi S, Sakurai A, Hashizume K. [Surgical treatments for 7 pituitary neuroendocrine tumors in multiple endocrine neoplasia type 1]. *No Shinkei Geka.* 2000 Dec;28(12):1087-92. Japanese. PubMed PMID: 11193530.
- 271: Nagashima H, Orz Y, Okudera H, Kobayashi S, Ichinose Y. Remission of hemifacial spasm after proximal occlusion of vertebrobasilar dissecting aneurysm with coils: case report. *J Clin Neurosci.* 2001 Jan;8(1):43-5. PubMed PMID: 11148077.
- 272: Akaishi K, Hongo K, Ito M, Tanaka Y, Tada T, Kobayashi S. Endodermal cyst in the cerebellopontine angle with immunohistochemical reactivity for CA19-9. *Clin Neuropathol.* 2000 Nov-Dec;19(6):296-9. PubMed PMID: 11128622.
- 273: Koyama T, Tanaka Y, Kobayashi S, Yomo S, Kobayashi S. Surgery of basilar aneurysms associated with unexpected rupture of an internal carotid artery aneurysm. *Neurosurg Rev.* 2000 Sep;23(3):168-70. PubMed PMID: 11086744.
- 274: Hashimoto T. Neuronal activity in the globus pallidus in primary dystonia and off-period dystonia. *J Neurol.* 2000 Sep;247 Suppl 5:V49-52. Review. PubMed PMID: 11081803.

- 275: Kakizawa Y, Tanaka Y, Orz Y, Iwashita T, Hongo K, Kobayashi S. Parameters for contralateral approach to ophthalmic segment aneurysms of the internal carotid artery. *Neurosurgery*. 2000 Nov;47(5):1130-6; discussion 1136-7. PubMed PMID: 11063106.
- 276: Nagashima H, Okudera H, Muraoka S, Hongo K, Kobayashi S. Strategic embolisation for successful resection of a large cerebral arteriovenous malformation. *J Clin Neurosci*. 2000 Sep;7 Suppl 1:86-7. PubMed PMID: 11013106.
- 277: Miyairi Y, Tada T, Tanaka Y, Hongo K, Kobayashi S. Anaplastic astrocytoma invading the optic chiasm through the optic pathway. *J Neurosurg*. 2000 Oct;93(4):716. PubMed PMID: 11014557.
- 278: Tanaka Y, Hongo K, Nagashima H, Tada T, Kobayashi S. Double aneurysms at distal basilar artery: report of nine cases. *Neurosurgery*. 2000 Sep;47(3):587-92; discussion 592-3. PubMed PMID: 10981745.
- 279: Koyama J, Hongo K, Iwashita T, Kobayashi S. A newly designed key-hole button. *J Neurosurg*. 2000 Sep;93(3):506-8. PubMed PMID: 10969954.
- 280: Kyoshima K, Hongo K, Kobayashi S. Spoon retractors for soft mass. *J Clin Neurosci*. 2000 Jul;7(4):328-9. PubMed PMID: 10938612.
- 281: Koyama T, Hongo K, Tanaka Y, Kobayashi S. Simulation of the surgical manipulation involved in clipping a basilar artery aneurysm: concepts of virtual clipping. Technical note. *J Neurosurg*. 2000 Aug;93(2):355-60. PubMed PMID: 10930026.
- 282: Tanaka Y, Kobayashi S, Hongo K, Tada T, Nagashima H, Kakizawa Y. Intentional body clipping of wide-necked basilar artery bifurcation aneurysms. *J Neurosurg*. 2000 Aug;93(2):169-74. PubMed PMID: 10930000.
- 283: Murata S, Usuda N, Okano A, Kobayashi S, Suzuki T. Occurrence of a transcription factor, signal transducer and activators of transcription 3 (Stat3), in the postsynaptic density of the rat brain. *Brain Res Mol Brain Res*. 2000 May 31;78(1-2):80-90. PubMed PMID: 10891587.
- 284: Koyama T, Gibo H, Okudera H, Kobayashi S. Computer generated microsurgical anatomy of the supraclinoid portion of the internal carotid artery. *J Clin Neurosci*. 2000 Jan;7(1):52-6. PubMed PMID: 10847652.
- 285: Nagashima H, Okudera H, Kobayashi S, Ichinose Y. Ventriculocisternal drainage via endoscopic third ventriculostomy after endovascular embolization for aneurysmal subarachnoid hemorrhage. *J Clin Neurosci*. 1999 Mar;6(2):147-148. PubMed PMID: 10833583.
- 286: Moinuddin SM, Tada T. Study of cerebrospinal fluid flow dynamics in TGF-beta 1 induced chronic hydrocephalic mice. *Neurol Res*. 2000 Mar;22(2):215-22. PubMed PMID: 10763513.
- 287: Akaishi K, Hongo K, Obinata C, Kobayashi S. Pneumoangiogram in a patient with severe head injury. Case illustration. *J Neurosurg*. 2000 Mar;92(3):502. PubMed PMID: 10701546.
- 288: Kyoshima K, Oikawa S, Kobayashi S. Interdural origin of the ophthalmic artery at the dural ring of the internal carotid artery. Report of two cases. *J Neurosurg*. 2000 Mar;92(3):488-9. PubMed PMID: 10701541.
- 289: Orz YI, Hongo K, Tanaka Y, Nagashima H, Osawa M, Kyoshima K, Kobayashi S. Risks of surgery for patients with unruptured intracranial aneurysms. *Surg Neurol*. 2000 Jan;53(1):21-7; discussion

27-9. PubMed PMID: 10697230.

290: Nagashima H, Okudera H, Orz Y, Kobayashi S, Nakagawa F. Endovascular treatment of basilar trunk aneurysm associated with fenestration of the basilar artery. *Neurosurg Rev.* 1999 Dec;22(4):219-21. PubMed PMID: 10682931.

291: Kyoshima K, Watanabe A, Toba Y, Nitta J, Muraoka S, Kobayashi S. Anchoring method for hemifacial spasm associated with vertebral artery: technical note. *Neurosurgery.* 1999 Dec;45(6):1487-91. PubMed PMID: 10598720.

292: Tada T, Takizawa T, Nakazato F, Kobayashi S, Koike K, Oguchi M, Ishii E, Amano Y. Treatment of intracranial nongerminomatous germ-cell tumor by high-dose chemotherapy and autologous stem-cell rescue. *J Neurooncol.* 1999 Aug;44(1):71-6. PubMed PMID: 10582672.

293: Koyama T, Okudera H, Gibo H, Kobayashi S. Computer-generated microsurgical anatomy of the basilar artery bifurcation. Technical note. *J Neurosurg.* 1999 Jul;91(1):145-52. PubMed PMID: 10389896.

294: Tsuji T, Cook DA, Weir BK, Handa Y, Chiba S, Kobayashi S. Cerebrovascular contractility after clot removal in monkey subarachnoid haemorrhage. *Clin Exp Pharmacol Physiol.* 1999 May-Jun;26(5-6):485-8. PubMed PMID: 10386244.

295: Kamimura M, Ebara S, Itoh H, Tateiwa Y, Kinoshita T, Takaoka K. Accurate pedicle screw insertion under the control of a computer-assisted image guiding system: laboratory test and clinical study. *J Orthop Sci.* 1999;4(3):197-206. PubMed PMID: 10370161.

296: Sakai K, Koike G, Seguchi K, Nakazato Y. Sinus histiocytosis with massive lymphadenopathy: a case of multiple dural involvement. *Brain Tumor Pathol.* 1998;15(2):63-9. PubMed PMID: 10328541.

297: Tanaka Y, Kobayashi S, Osawa M, Kyoshima K, Okudera H, Tada T, Kitazawa K, Oikawa S. Aneurysm surgery in Asia-Japanese situation. *Neurol Med Chir (Tokyo).* 1998;38 Suppl:114-7. PubMed PMID: 10234989.

298: Hidai Y, Ebara S, Kamimura M, Tateiwa Y, Itoh H, Kinoshita T, Takaoka K, Ohtsuka K. Treatment of cervical compressive myelopathy with a new dorsolateral decompressive procedure. *J Neurosurg.* 1999 Apr;90(2 Suppl):178-85. PubMed PMID: 10199246.

299: Koyama T, Okudera H, Kobayashi S. Computer-generated surgical simulation of morphological changes in microstructures: concepts of "virtual retractor." Technical note. *J Neurosurg.* 1999 Apr;90(4):780-5. PubMed PMID: 10193627.

300: Koyama T, Gibo H, Kobayashi S. A large anomalous anterior choroidal artery associated with internal carotid artery-posterior communicating artery aneurysm. Case report. *Neurosurg Rev.* 1998;21(4):299-301. PubMed PMID: 10068195.

301: Sakai K, Tanaka Y, Tokushige K, Tanabe A, Kobayashi S. Basilar bifurcation aneurysms associated with persistent primitive hypoglossal artery. *Neurosurg Rev.* 1998;21(4):290-4. PubMed PMID: 10068193.

302: Kyoshima K, Kobayashi S, Nitta J, Osawa M, Shigeta H, Nakagawa F. Clinical analysis of internal carotid artery aneurysms with reference to classification and clipping techniques. *Acta Neurochir (Wien).* 1998;140(9):933-42. PubMed PMID: 9842431.

- 303: Orz YI, Tsuji T, Aoki T, Yen Y, Chiba S, Kobayashi S. Effects of oxyhemoglobin on vasoconstriction in response to 5-hydroxytryptamine in isolated, perfused canine basilar arteries. *Neurosurgery*. 1998 Nov;43(5):1176-84. PubMed PMID: 9802861.
- 304: Oikawa S, Kyoshima K, Kobayashi S. Surgical anatomy of the juxta-dural ring area. *J Neurosurg*. 1998 Aug;89(2):250-4. PubMed PMID: 9688120.
- 305: Kurashina K, Kurita H, Kotani A, Kobayashi S, Kyoshima K, Hirano M. Experimental cranioplasty and skeletal augmentation using an alpha-tricalcium phosphate/dicalcium phosphate dibasic/tetracalcium phosphate monoxide cement: a preliminary short-term experiment in rabbits. *Biomaterials*. 1998 Apr-May;19(7-9):701-6. PubMed PMID: 9663743.
- 306: Nagashima H, Okudera H, Kobayashi S, Iwashita T. Monitoring of cerebral hemodynamics using near-infrared spectroscopy during local intraarterial thrombolysis: case report. *Surg Neurol*. 1998 Apr;49(4):420-4. PubMed PMID: 9537661.
- 307: Kitazawa K, Nitta J, Okudera H, Kobayashi S. Color Doppler ultrasound imaging in the emergency management of an intracerebral hematoma caused by cerebral arteriovenous malformations: technical case report. *Neurosurgery*. 1998 Feb;42(2):405-7. PubMed PMID: 9482196.
- 308: Hoyano Y, Furukawa Y, Kasama M, Chiba S. Parasympathetic inhibition of sympathetic effects on atrioventricular conduction in anesthetized dogs. *Am J Physiol*. 1997 Oct;273(4 Pt 2):H1800-6. PubMed PMID: 9362246.
- 309: Orz YI, Tsuji T, Chiba S. No evidence of existence of functional 5-HT(1) receptors in isolated and perfused canine basilar arteries. *J Clin Neurosci*. 1997 Apr;4(2):228-33. PubMed PMID: 18638959.
- 310: Orz Y, Kobayashi S, Osawa M, Tanaka Y. Aneurysm size: a prognostic factor for rupture. *Br J Neurosurg*. 1997 Apr;11(2):144-9. PubMed PMID: 9156002.
- 311: Horiuchi T, Kyoshima K, Oya F, Kobayashi S. Fenestrated oculomotor nerve caused by internal carotid-posterior communicating artery aneurysm: case report. *Neurosurgery*. 1997 Feb;40(2):397-8; discussion 398-9. PubMed PMID: 9007877.
- 312: Kanaji M, Tada T, Kobayashi S. A murine model of communicating hydrocephalus: Role of TGF-beta1. *J Clin Neurosci*. 1997 Jan;4(1):51-6. PubMed PMID: 18638924.
- 313: Koyama T, Okudera H, Tada T, Wada N, Kobayashi S. Periventricular enhancement following intraoperative CT cisternography in a patient with Dandy-Walker syndrome. Case report. *Neurosurg Rev*. 1997;20(4):288-90. PubMed PMID: 9457726.
- 314: Okudera H, Kobayashi S, Kyoshima K, Goel H. Brain spatula with transparent tip: technical note. *Acta Neurochir (Wien)*. 1997;139(10):977-8. PubMed PMID: 9401659.
- 315: Furukawa Y, Hoyano Y, Chiba S. Parasympathetic inhibition of sympathetic effects on sinus rate in anesthetized dogs. *Am J Physiol*. 1996 Jul;271(1 Pt 2):H44-50. PubMed PMID: 8760156.
- 316: Ina H, Kitoh T, Kobayashi M, Imai S, Ofusa Y, Goto H. New technique for the neurolytic celiac plexus block: the transintervertebral disc approach. *Anesthesiology*. 1996 Jul;85(1):212-7. PubMed PMID: 8694369.
- 317: Horiuchi T, Osawa M, Itoh N, Kobayashi S, Nitta J, Hongo K. Extradural extension of glioblastoma multiforme into the oral cavity: case report. *Surg Neurol*. 1996 Jul;46(1):42-6. PubMed PMID: 8677487.

- 318: Oikawa S, Mizuno M, Muraoka S, Kobayashi S. Retrograde dissection of the temporalis muscle preventing muscle atrophy for pterional craniotomy. Technical note. *J Neurosurg.* 1996 Feb;84(2):297-9. PubMed PMID: 8592239.
- 319: Singh AK, Shirasawa N, Kyoshima K, Kobayashi S, Shimizu Y. Schwann cell culture from the adult animal sciatic nerve: technique and review. *J Clin Neurosci.* 1996 Jan;3(1):69-74. PubMed PMID: 18644267.
- 320: Kyoshima K, Koike G, Hokama M, Toriyama T, Gibo H, Okudera H, Kobayashi S. A classification of juxta-dural ring aneurysms with reference to surgical anatomy. *J Clin Neurosci.* 1996 Jan;3(1):61-4. PubMed PMID: 18644265.
- 321: Tsuji T, Cook DA. Effect of ketanserin on 5-hydroxytryptamine-induced constriction in isolated, perfused canine basilar arteries exposed to blood. *Acta Neurochir (Wien).* 1996;138(9):1109-16; discussion 1116-7. PubMed PMID: 8911550.
- 322: Tsuji T, Cook DA, Weir BK, Handa Y. Effect of clot removal on cerebrovascular contraction after subarachnoid hemorrhage in the monkey: pharmacological study. *Heart Vessels.* 1996;11(2):69-79. PubMed PMID: 8836754.
- 323: Orz Y, Osawa M, Tanaka Y, Kyoshima K, Kobayashi S. Surgical outcome for multiple intracranial aneurysms. *Acta Neurochir (Wien).* 1996;138(4):411-7. PubMed PMID: 8738391.
- 324: Karakida O, Aoki J, Seo GS, Ishii K, Sone S, Nakakouji T, Otsuka K. Epidural dumbbell-shaped chordoma mimicking a neurinoma. *Pediatr Radiol.* 1996;26(1):62-4. PubMed PMID: 8599000.
- 325: Kobayashi S, Koike G, Orz Y, Okudera H. Juxta-dural ring aneurysms of the internal carotid artery. *J Clin Neurosci.* 1995 Oct;2(4):345-9. PubMed PMID: 18638840.
- 326: Tsuji T, Cook DA, Weir BK, Handa Y. Pharmacological alterations after clot removal in monkey chronic cerebral vasospasm. *J Clin Neurosci.* 1995 Oct;2(4):333-8. PubMed PMID: 18638838.
- 327: Morota N, Sakamoto K, Kobayashi N, Kitazawa K, Kobayashi S. Infantile subdural fluid collection: diagnosis and postoperative course. *Childs Nerv Syst.* 1995 Aug;11(8):459-66. PubMed PMID: 7585683.
- 328: Tsuji T, Cook DA. Mechanism of acetylcholine-induced constriction enhanced by endothelial removal in isolated, perfused canine basilar arteries. *J Cardiovasc Pharmacol.* 1995 Jun;25(6):940-6. PubMed PMID: 7564339.
- 329: Tsuji T, Cook DA. Vasoconstrictor mechanism of neuropeptides augmented after endothelial removal in isolated, perfused canine basilar arteries. *Neurol Res.* 1995 Jun;17(3):193-200. PubMed PMID: 7543980.
- 330: Tanaka Y, Kobayashi S, Unoki T, Nagashima H, Iwashita T. Illumination of mastoid air cell for suboccipital craniotomy: technical note. *Neurosurgery.* 1995 May;36(5):1049-50; discussion 1051. PubMed PMID: 7791973.
- 331: Nagashima H, Kobayashi S, Takemae T, Tanaka Y. Total resection of torcular herophili hemangiopericytoma with radial artery graft: case report. *Neurosurgery.* 1995 May;36(5):1024-7. PubMed PMID: 7791968.
- 332: Hongo K, Kobayashi S, Okudera H, Hokama M, Nakagawa F. Noninvasive cerebral optical

- spectroscopy: depth-resolved measurements of cerebral haemodynamics using indocyanine green. *Neurol Res.* 1995 Apr;17(2):89-93. PubMed PMID: 7609855.
- 333: Koyama T, Okudera H, Kobayashi S. Computer-assisted geometric design of cerebral aneurysms for surgical simulation. *Neurosurgery.* 1995 Mar;36(3):541-6; discussion 546-7. PubMed PMID: 7753354.
- 334: Tanaka Y, Kobayashi S, Sugita K, Gibo H, Kyoshima K, Nagasaki T. Characteristics of pterional routes to basilar bifurcation aneurysm. *Neurosurgery.* 1995 Mar;36(3):533-8; discussion 538-40. PubMed PMID: 7753353.
- 335: Tsuji T, Cook DA. Origin of thromboxane-mediated constriction due to neuropeptides in canine basilar artery. *Eur J Pharmacol.* 1994 Oct 13;264(1):77-80. PubMed PMID: 7828646.
- 336: Tsuji T, Kobayashi S, Chiba S, Cook DA. Effects of endothelium removal by saponin and of oxyhemoglobin on canine cerebrovascular responses. *J Auton Nerv Syst.* 1994 Sep;49 Suppl:S139-43. PubMed PMID: 7836671.
- 337: Okudera H, Kyoshima K, Kobayashi S, Sugita K. Intraoperative CT scan findings during resection of glial tumours. *Neurol Res.* 1994 Aug;16(4):265-7. PubMed PMID: 7984257.
- 338: Zhang QJ, Kobayashi S, Hongo K. Trigeminal sensory innervation on perforators of the circle of Willis in rabbits by wheat germ agglutinin-conjugated horseradish peroxidase anterograde tracing. *J Auton Nerv Syst.* 1994 Aug;48(3):199-205. PubMed PMID: 7525685.
- 339: Vhora S, Takemae T, Hongo K, Kobayashi S. Carotid body tumour: microvascular Doppler flowmeter for shunt placement. *J Clin Neurosci.* 1994 Jul;1(3):182-7. PubMed PMID: 18638758.
- 340: Kitazawa K, Tada T. Elevation of transforming growth factor-beta 1 level in cerebrospinal fluid of patients with communicating hydrocephalus after subarachnoid hemorrhage. *Stroke.* 1994 Jul;25(7):1400-4. PubMed PMID: 8023355.
- 341: Kitoh T, Nagasawa M, Ichinose A, Otagiri T, Hokama M, Kuroyanagi T, Matsuo KI. Severe hyponatremia induced with mannitol in a patient with Bartter's syndrome. *J Anesth.* 1994 Jun;8(2):236-238. doi: 10.1007/BF02514723. PubMed PMID: 28921154.
- 342: Zhang QJ, Kobayashi S, Gibo H, Hongo K. Vertebrobasilar junction fenestration associated with dissecting aneurysm of intracranial vertebral artery. *Stroke.* 1994 Jun;25(6):1273-5. PubMed PMID: 8202993.
- 343: Okudera H, Kobayashi S, Toriyama T. Intraoperative regional and functional thermography during resection of cerebral arteriovenous malformation. *Neurosurgery.* 1994 Jun;34(6):1065-7; discussion 1067. PubMed PMID: 8084392.
- 344: Tanaka Y, Kobayashi S, Kyoshima K, Sugita K. Multiple clipping technique for large and giant internal carotid artery aneurysms and complications: angiographic analysis. *J Neurosurg.* 1994 Apr;80(4):635-42. PubMed PMID: 8151341.
- 345: Shigeta H, Sone S, Kasuga T, Kyoshima K, Tanizaki Y. Digital angiotomosynthesis for preoperative evaluation of cerebral arteriovenous malformations and giant aneurysms. *AJNR Am J Neuroradiol.* 1994 Mar;15(3):543-9. Erratum in: *AJNR Am J Neuroradiol* 1995 Apr;16(4):808. PubMed PMID: 8197955.

- 346: Tada T, Kanaji M, Kobayashi S. Induction of communicating hydrocephalus in mice by intrathecal injection of human recombinant transforming growth factor-beta 1. *J Neuroimmunol.* 1994 Mar;50(2):153-8. PubMed PMID: 8120136.
- 347: Singh AK, Okudera H, Kobayashi S, Osawa M, Tokushige K. A newly designed attachment device of multipurpose frame for neuronavigator. Technical note. *Acta Neurochir (Wien).* 1994;129(1-2):97-9. PubMed PMID: 7998505.
- 348: Kuroyanagi T, Kobayashi S, Takemae T, Kobayashi S. Subarachnoid hemorrhage, midbrain hemorrhage and thalamic infarction following transsphenoidal removal of a pituitary neuroendocrine tumor. A case report. *Neurosurg Rev.* 1994;17(2):161-5. PubMed PMID: 7970023.
- 349: Okudera H, Kobayashi S, Kyoshima K, Tokushige K, Sugita K. New radiolucent head fixation made of engineering plastics for intraoperative CT scanning. *Acta Neurochir (Wien).* 1994;127(1-2):121-3. PubMed PMID: 7942172.
- 350: Kobayashi S, Tanaka Y. Surgical techniques for basilar bifurcation aneurysms. *Clin Neurosurg.* 1994;41:334-50. PubMed PMID: 7842612.
- 351: Vhora S, Chiba S. Functional 5-HT receptor subtypes in the isolated canine common carotid artery. *Heart Vessels.* 1994;9(5):235-40. PubMed PMID: 7814300.
- 352: Toriyama T, Tanizaki Y, Hongo K, Osawa M, Kobayashi S. Functional image of dynamic computed tomography in diagnostic and prognostic evaluation of ischemic stroke within the first 6 hours. *Stroke.* 1993 Dec;24(12):1933-44. PubMed PMID: 8248976.
- 353: Hongo K, Tsukahara T, Kassell NF, Kobayashi S. Comparison of spontaneously released endothelium-derived relaxing factor in cerebral and extracerebral arteries in rabbits. *Neurol Res.* 1993 Oct;15(5):327-32. PubMed PMID: 7905607.
- 354: Tanaka Y, Kobayashi S, Hongo K, Oikawa S. Intraoperative protection of cranial nerves and arteries by split silicone tube. *Neurosurgery.* 1993 Sep;33(3):523-4; discussion 524-5. PubMed PMID: 8413888.
- 355: Takemae T, Kobayashi S, Sugita K. Perinidal hypervasculär network on immediate postoperative angiogram after removal of large arteriovenous malformations located distant from the arterial circle of Willis. *Neurosurgery.* 1993 Sep;33(3):400-5; discussion 405-6. PubMed PMID: 8413870.
- 356: Diraz A, Kobayashi S, Toriyama T, Ohsawa M, Hokama M, Kitazama K. Surgical approaches to the anterior communicating artery aneurysm and their results. *Neurol Res.* 1993 Aug;15(4):273-80. PubMed PMID: 8105408.
- 357: Hongo K, Kobayashi S. Calcium antagonists for the treatment of vasospasm following subarachnoid haemorrhage. *Neurol Res.* 1993 Aug;15(4):218-24. Review. PubMed PMID: 8105400.
- 358: Hongo K, Kobayashi S, Hokama M, Sugita K. Vertebral artery section for treating arterial compression of the medulla oblongata. Case report. *J Neurosurg.* 1993 Jul;79(1):116-8. PubMed PMID: 8315448.
- 359: Kyoshima K, Kobayashi S, Gibo H, Kuroyanagi T. A study of safe entry zones via the floor of the fourth ventricle for brain-stem lesions. Report of three cases. *J Neurosurg.* 1993 Jun;78(6):987-93. PubMed PMID: 8487085.

- 360: Okudera H, Takemae T, Kobayashi S. Intraoperative computed tomographic scanning during transsphenoidal surgery: technical note. *Neurosurgery*. 1993 Jun;32(6):1041-3. PubMed PMID: 8327082.
- 361: Zhang QJ, Hara H, Kobayashi S. Distribution patterns of sensory innervation from the trigeminal ganglion to cerebral arteries in rabbits studied by wheat germ agglutinin-conjugated horseradish peroxidase anterograde tracing. *Neurosurgery*. 1993 Jun;32(6):993-9; discussion 999. PubMed PMID: 7687045.
- 362: Hara H, Zhang QJ, Kuroyanagi T, Kobayashi S. Parasympathetic cerebrovascular innervation: an anterograde tracing from the sphenopalatine ganglion in the rat. *Neurosurgery*. 1993 May;32(5):822-7; discussion 827. PubMed PMID: 8492858.
- 363: Aoki T, Chiba S. A new cannula-inserting method for measuring vascular responsiveness. Separate intraluminal and extraluminal perfusion of canine basilar artery. *J Pharmacol Toxicol Methods*. 1993 Feb;29(1):21-7. PubMed PMID: 8481558.
- 364: Kitazawa K, Okudera H, Takemae T, Kobayashi S. [CT guided transsphenoidal surgery: report of nine cases]. *No Shinkei Geka*. 1993 Feb;21(2):147-52. Japanese. PubMed PMID: 8459901.
- 365: Kyoshima K, Ohigashi Y, Hokama M, Ichinose Y, Kobayashi S. Remote-control vascular occluder: technical note. *Neurosurgery*. 1993 Feb;32(2):322-3. PubMed PMID: 8437674.
- 366: Hara H, Kobayashi S. Effect of rat subarachnoid hemorrhage on serotonin innervation of the cerebral ventricular wall and serotonin neurons of the ventral surface of the brain stem: an immunohistochemical study. *Exp Neurol*. 1993 Feb;119(2):268-71. PubMed PMID: 8432364.
- 367: Diraz A, Kyoshima K, Kobayashi S. Dorsal internal carotid artery aneurysm: classification, pathogenesis, and surgical considerations. *Neurosurg Rev*. 1993;16(3):197-204. PubMed PMID: 8272208.
- 368: Zhang QJ, Kobayashi S, Toriyama T, Kyoshima K, Hongo K, Kuroyanagi T. Angiographic differentiation of carotid cave aneurysms from ventral paraclinoid carotid aneurysms of Nutik type. *Neurosurg Rev*. 1993;16(4):283-9. PubMed PMID: 8127441.
- 369: Okudera H, Kobayashi S, Takemae T, Kyoshima K, Gibo H, Shibuya M, Sugita K. Introduction of high definition television system to neurosurgical documentation. *Neurol Res*. 1992 Dec;14(5):386-8. PubMed PMID: 1362252.
- 370: Wakui K, Kobayashi S, Takemae T, Kamijoh Y, Nagashima H, Muraoka S. Giant thrombosed vertebral artery aneurysm managed with extracranial-intracranial bypass surgery and aneurysmectomy. Case report. *J Neurosurg*. 1992 Oct;77(4):624-7. PubMed PMID: 1527623.
- 371: Oikawa S, Kyoshima K, Takemae T, Kobayashi S. Multiple spinal neurinomas presenting visual disturbance as the initial symptom: case report. *Surg Neurol*. 1992 Oct;38(4):309-14. PubMed PMID: 1440223.
- 372: Kyoshima K, Kobayashi S, Wakui K, Ichinose Y, Okudera H. A newly designed puncture needle for suction decompression of giant aneurysms. Technical note. *J Neurosurg*. 1992 May;76(5):880-2. PubMed PMID: 1564551.
- 373: Hara H, Kuroyanagi T, Kobayashi S. Catecholamine histofluorescence depletion in the infarcted brain parenchyma but not in the adventitia of the occluded cerebral arteries in rats. *Neurosci Lett*.

1992 Apr 13;138(1):93-6. PubMed PMID: 1407672.

374: Shigeta H, Kyoshima K, Nakagawa F, Kobayashi S. Dorsal internal carotid artery aneurysms with special reference to angiographic presentation and surgical management. *Acta Neurochir (Wien)*. 1992;119(1-4):42-8. PubMed PMID: 1481751.

375: Tada T, Ishii K, Oshima S, Hara H, Kobayashi S. Secretory meningioma associated with numerous meningothelial rosettes. *Acta Neuropathol*. 1992;84(3):342-5. PubMed PMID: 1384270.

376: Tsuji T, Cook DA. Biphasic response to substance P in canine basilar arteries. *J Cardiovasc Pharmacol*. 1992;20 Suppl 12:S109-13. PubMed PMID: 1282941.

377: Hara H, Kobayashi S. Glycerol injection to the rat trigeminal nerve: histological and immunohistochemical studies. *Acta Neurochir (Wien)*. 1992;119(1-4):111-4. PubMed PMID: 1282768.

378: Sakai K, Kyoshima K, Ohigashi Y, Unoki T, Kobayashi S, Meguro M. [Generalized choreic movement associated with subarachnoid hemorrhage]. *No To Shinkei*. 1991 Sep;43(9):875-80. Japanese. PubMed PMID: 1742095.

379: Morota N, Kobayashi S, Sugita K, Muraoka S, Hara H, Nagashima H, Nitta J. Giant aneurysms of the horizontal segment of the anterior cerebral artery: report of two cases. *Neurosurgery*. 1991 Jul;29(1):97-101. PubMed PMID: 1870694.

380: Tada T, Kobayashi S, Sugita K. Dynamic properties of self-retaining retractors under load. *Neurosurgery*. 1991 Jun;28(6):914-7. PubMed PMID: 2067621.

381: Harada T, Okudera H, Kobayashi S, Koike J, Morota N, Kanemaru K. [Computerized tomography immediately after surgery in the neurosurgical operating theater]. *No Shinkei Geka*. 1991 May;19(5):415-9. Japanese. PubMed PMID: 1852247.

382: Okudera H, Saito J, Matsuo T. [A case of divergence palsy associated with bilateral chronic subdural hematoma]. *No To Shinkei*. 1991 Feb;43(2):183-6. Japanese. PubMed PMID: 1873087.

383: Okudera H, Kobayashi S, Hongo K, Mizuno M. Fatal meningitis due to *Staphylococcus cohnii*. Case report. *Neurosurg Rev*. 1991;14(3):235-6. PubMed PMID: 1944939.

384: Okudera H, Kobayashi S, Kyoshima K, Gibo H, Takemae T, Sugita K. Development of the operating computerized tomographic scanner system for neurosurgery. *Acta Neurochir (Wien)*. 1991;111(1-2):61-3. PubMed PMID: 1927626.

385: Okudera H, Kobayashi S, Sugita K. Technical note: mobile CT scanner gantry for use in the operating room. *AJNR Am J Neuroradiol*. 1991 Jan-Feb;12(1):131-2. PubMed PMID: 1899499.

386: Otsubo H, Takemae T, Inoue T, Kobayashi S, Sugita K. Normovolaemic induced hypertension therapy for cerebral vasospasm after subarachnoid haemorrhage. *Acta Neurochir (Wien)*. 1990;103(1-2):18-26. PubMed PMID: 2360462.

387: Tanaka Y, Kobayashi S, Yokoh A, Takei M, Ohtake T. Posterior fossa subdural empyema in the term neonate. *Childs Nerv Syst*. 1989 Dec;5(6):364-6. PubMed PMID: 2575451.

388: Gibo H, Watanabe N, Kobayashi S, Sugita K. Removal of an arteriovenous malformation in the optic chiasm. A case of Bonnet-Dechaume-Blanc syndrome without retinal involvement. *Surg Neurol*. 1989 Feb;31(2):142-8. PubMed PMID: 2922653.

- 389: Kobayashi S, Kyoshima K, Gibo H, Hegde SA, Takemae T, Sugita K. Carotid cave aneurysms of the internal carotid artery. *J Neurosurg.* 1989 Feb;70(2):216-21. PubMed PMID: 2913220.
- 390: Tanaka Y, Sugita K, Kobayashi S, Takemae T, Hegde AS. Subdural fluid collections following transcortical approach to intra- or paraventricular tumours. *Acta Neurochir (Wien).* 1989;99(1-2):20-5. PubMed PMID: 2547281.
- 391: Tanaka Y, Chiba S. Potentiating effects of extraluminal oxyhemoglobin to intraluminal 5-hydroxytryptamine in isolated canine internal carotid arteries. *J Neurosurg.* 1988 Aug;69(2):263-8. PubMed PMID: 3392570.
- 392: Tanaka Y, Chiba S. Relationship between extraluminal oxyhemoglobin and endothelium-dependent vasodilatation in isolated perfused canine internal carotid arteries. *Neurosurgery.* 1988 Aug;23(2):158-61. PubMed PMID: 3185874.
- 393: Sugita K, Kobayashi S, Takemae T, Tanaka Y, Okudera H, Ohsawa M. Giant aneurysms of the vertebral artery. Report of five cases. *J Neurosurg.* 1988 Jun;68(6):960-6. PubMed PMID: 3373290.
- 394: Kawauchi M, Gibo H, Kobayashi S, Sugita K. [Werner's syndrome associated with meningioma: case report]. *No Shinkei Geka.* 1988 Feb;16(2):189-94. Review. Japanese. PubMed PMID: 3285233.
- 395: Tanaka Y, Sakamoto K, Kobayashi S, Kobayashi N, Muraoka S. Biphasic ventricular dilatation following posterior fossa subdural hematoma in the full-term neonate. *J Neurosurg.* 1988 Feb;68(2):211-6. PubMed PMID: 3257520.
- 396: Gibo H, Kobayashi S, Kyoshima K, Hokama M. Microsurgical anatomy of the arteries of the pituitary stalk and gland as viewed from above. *Acta Neurochir (Wien).* 1988;90(1-2):60-6. PubMed PMID: 3344626.
- 397: Hegde SA, Hara H, Kobayashi S. Innervation of radicular and extraparenchymal arteries of spinal cord. Histochemical and immunohistochemical study in primate. *Histochemistry.* 1988;89(5):415-20. PubMed PMID: 3170264.
- 398: Hara H, Kobayashi S. Reduced tyrosine hydroxylase-like immunoreactivity around cerebral arteries after experimental subarachnoid hemorrhage in rats. An immunohistochemical study. *Acta Neuropathol.* 1988;75(5):538-40. PubMed PMID: 2897754.
- 399: Hara H, Kobayashi S. Adrenergic innervation of the vasa nervorum in the cranial nerves and spinal roots in the subarachnoid space. *Exp Neurol.* 1987 Dec;98(3):673-6. PubMed PMID: 3678440.
- 400: Kobayashi S, Hara H, Okudera H, Takemae T, Sugita K. Usefulness of ceramic implants in neurosurgery. *Neurosurgery.* 1987 Nov;21(5):751-5. PubMed PMID: 3696417.
- 401: Kyoshima K, Kobayashi S, Sugita K. Fixation system for cervical spinal operation: application of the head fixation system and multipurpose cervical frame. *Neurosurgery.* 1987 Oct;21(4):591-4. PubMed PMID: 3317109.
- 402: Kyoshima K. [Electron microscopic observation of cells ensheathing axons and their association with basal lamina in sciatic-nerve-grafted spinal cords]. *No To Shinkei.* 1987 Sep;39(9):885-94. Japanese. PubMed PMID: 3689608.
- 403: Tsuji T, Chiba S. Mechanism of vascular responsiveness to barbiturates in isolated and perfused canine basilar arteries. *Neurosurgery.* 1987 Aug;21(2):161-6. PubMed PMID: 3658127.

- 404: Tada T, Katsuyama T, Aoki T, Kobayashi S, Shigematsu H. Mixed glioblastoma and sarcoma with osteoid-chondral tissue. *Clin Neuropathol.* 1987 Jul-Aug;6(4):160-3. PubMed PMID: 3115659.
- 405: Yokoh A, Sugita K, Kobayashi S. Clinical study of brain retraction in different approaches and diseases. *Acta Neurochir (Wien).* 1987;87(3-4):134-9. PubMed PMID: 3673692.
- 406: Hara H, Edvinsson L. Perivascular innervation of the cerebral circulation: involvement in the pathophysiology of subarachnoid hemorrhage. *Neurosurg Rev.* 1987;10(3):171-9. Review. PubMed PMID: 3332035.
- 407: Hara H, Kobayashi S. Vasoactive-intestinal-polypeptide (VIP)-like immunoreactive cells in the skull base of rats. A combined study using acetylcholinesterase histochemistry. *Histochemistry.* 1987;87(3):217-21. PubMed PMID: 3308791.

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