

CURRICULUM VITAE

IDENTICAL INFORMATION

Name: Hidenori Kobayashi, MD, PhD

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PERSONAL INFORMATION

Data of Birth: February 9, 1949

Place of Birth: Kahoku City, Ishikawa, Japan

Age: 68

Sex: Male

Marital Status: Married, March 26, 1973; (Three Sons)

Citizenship: Japan

EDUCATIONAL HISTORY

Apr./1968-Mar./1974 Kanazawa University (Kanazawa, Japan)

Apr./1974-Mar./1978 Postgraduate Course of Kanazawa University

ACADEMIC EXPERIENCE (EMPLOYMENT HISTORY)

Apr./1978-Aug./1979 Resident, Fukui Prefectural Hospital

Sep./1979-Mar./1984 Research Associate, Dept. Neurosurgery, Kanazawa University

Apr./1982-Apr./1983 Research Fellow, Univ. of Western Ontario (Canada, Prof. C. Drake)

Apr./1984-Feb./1992 Assistant Professor, Dept. Neurosurgery, Fukui Medical School

Mar./1992-Jul./2000 Associate Professor, Dept. Neurosurgery, Fukui Medical School

Jul./2000-Mar./2006 Professor and Chairman, Department of Neurosurgery,

Oita Medical University

Apr./2006-Mar./2012 Director of Oita University Hospital

Oct./2007-Mar./2012 Vice President of Oita University

Apr./2012-Mar./2016 President of Fukui College of Health Sciences

Apr./2016-present Director Emeritus of Asuwa Clinic

LICENSE AND CERTIFICATION

May/1974 MD The 57th National Board Examination for Medical License #.222861

Mar/1978 PhD Kanazawa University #503

Aug/1980 Japanese Board of Neurosurgery #1115

Sep/1988 Certified Conductor for Foreign Medical Practitioners #404

MEMBERSHIPS

World Federation of Neurosurgical Societies (WFNS)

American Association of Neurological Surgeons (AANS)

The Japan Neurosurgical Society

The Japanese Congress of Neurological Surgeons

The Japanese Society on Surgery for Cerebral Stroke

The Japan Brain Dock Society Society

The Japanese Congress for Brain Tumor Surgery

FIELD OF RESERCH AND ACADEMIC INTERESTS

Cerebrovascular Disease

Transcranial Magnetic Stimulation (TMS)

MASTERED LANGUAGES

Japanese and English

PUBLICATIONS (Main)

1. Hayashi M, Marukawa S, Fujii H, Kitano T, Kobayashi H, Yamamoto S: Intracranial hypertension in patients with ruptured intracranial aneurysms. J Neurosurg 46(59): 584-590, 1977
2. Hayashi M, Kobayashi H, Fujii H, Yamamoto S: Ventricular size and isotope cisternography in patients with acute transient rises of intracranial pressure(plateau waves). J Neurosurg 57(6): 797-803, 1982
3. Hayashi M, Kobayashi H, Kawano H, Yamamoto S, Maeda T: Cerebral blood flow and ICP patterns in patients with communicating hydrocephalus after aneurysm rupture. J Neurosurg 61(1): 30-36, 1984

4. Hayashi M, Kobayashi H, Kawano H, Handa Y, Yamamoto S, Kitano T: ICP patterns and isotope cisternography in patients with communicating hydrocephalus following rupture of intracranial aneurysm. *J Neurosurg* 62(2): 220-226, 1985
5. Kobayashi H, Hayashi M, Kawano H, Handa Y, Nozaki J, Yamamoto S, Matsuda H: Cerebral blood flow studies using N-isopropyl I-123 p-iodo-amphetamine. *Stroke* 16(2): 293-296, 1985
6. Hayashi M, Kobayashi H, Handa Y, Kawano H, Kabuto M: Brain blood volume and blood flow in patients with plateau waves. *J Neurosurg* 63(4): 556-561, 1985
7. Hayashi M, Ishii H, Handa Y, Kobayashi H, Kawano H: Role of the medulla oblongata in plateau-wave development in dogs. *J Neurosurg* 67(1): 97-101, 1987
8. Kobayashi H, Hayashi M, Kawano H, Handa Y, Kabuto M, Ide H: Phosphorus-31 magnetic resonance spectroscopy of cerebral ischemia in cats. *Neurosurgery* 27(2): 240-246, 1990
9. Kobayashi H, Hayashi M, Kobayashi S, Kabuto M, Handa Y, Kawano H: Effect of endothelin on the canine basilar artery. *Neurosurgery* 27(3): 357-361, 1990
10. Kobayashi H, Hayashi M, Kawano H, Handa Y, Kabuto M, Ide H: Effects of chemical sympathectomy on cerebral blood flow in rats. *J Neurosurg* 75(6): 906-910, 1991
11. Kobayashi H, Hayashi M, Kobayashi S, Kabuto M, Handa Y, Kawano H, Ide H: Cerebral vasospasm and vasoconstriction caused by endothelin. *Neurosurgery* 28(5): 673-679, 1991
12. Hayashi M, Kobayashi H, Handa Y, Kawano H, Hirose S, Ishii H: Plateau-wave phenomenon(II) - Occurrence of brain herniation in patients with and without plateau waves. *Brain* 114: 2693-2699, 1991

13. Kobayashi H, Kabuto M, Ide H, Hosotani K, Kubota T: An artificial blood vessel with an endothelial-cell monolayer. *J Neurosurg* 77(3): 397-402, 1992
14. Kobayashi H, Ide H, Handa Y, Aradachi H, Arai Y, Kubota T: Effect of leukotriene antagonist on experimental delayed cerebral vasospasm. *Neurosurgery* 31(3): 550-556, 1992
15. Handa Y, Hayashi M, Takeuchi H, Kubota T, Kobayashi H, Kawano H: Time course of the impairment of cerebral autoregulation during chronic cerebral vasospasm after subarachnoid hemorrhage in primates. *J Neurosurg* 76(3): 493-501, 1992
16. Handa Y, Hayashi M, Takeuchi H, Kubota T, Kobayashi H, Kawano H: Effect of systemic hypotension on cerebral energy metabolism during chronic cerebral vasospasm in primates. *J Neurosurg* 78(1): 112-119, 1993
17. Kobayashi H, Ide H, Aradachi H, Arai Y, Handa Y, Kubota T: Histological studies of intracranial vessels in primates following transluminal angioplasty for vasospasm. *J Neurosurg* 78(3): 481-486, 1993
18. Kabuto M, Kubota T, Kobayashi H, Takeuchi H, Nakagawa T, Kitai R, Kodera T, Kawai H, Arishima H: Long-term evaluation of reconstruction of the sellar floor with silicone plate in transsphenoidal surgery. *J Neurosurg* 88(6): 949-953, 1998
19. Fujiki M, Kobayashi H, Abe T, Kamida T: Repetitive transcranial magnetic stimulation protects against delayed neuronal death induced by transient ischemia. *J Neurosurg* 99(6): 1063-1069, 2003
20. Goda M, Isono M, Ishii K, Kamida T, Abe T, Kobayashi H: Long-term effects of indirect bypass surgery on collateral vessel formation in pediatric moyamoya disease. *J Neurosurg(Pediatrics)* 100: 156-162, 2004
21. Fujiki M, Furukawa Y, Kamida T, Anan M, Inoue R, Abe T, Kobayashi H: Intraoperative corticomuscular motor evoked potentials for evaluation of motor function: a comparison with corticospinal D and I waves. *J Neurosurg* 104: 85-92, 2006