

- (1) Ogawa Y, Fujimura M, Tominaga T. Moyamoya syndrome associated with basal meningioma successfully treated by the modified transsphenoidal approach: Case report. *J Neurol Surg Rep* 75: e77-80, 2014
- (2) Fujimura M, Kimura N, Ezura M, Niizuma K, Uenohara H, Tominaga T. Development of de novo arteriovenous malformation after bilateral revascularization surgery in a child with moyamoya disease -Case report-. *J Neurosurg Pediatr* 13: 647-649, 2014
- (3) Fujimura M, Sonobe S, Nishijima Y, Niizuma K, Sakata H, Kure S, Tominaga T. Genetics and Biomarkers of Moyamoya Disease: Significance of RNF213 as a susceptibility gene. *J Stroke* 16: 65-72, 2014
- (4) Akamatsu Y, Fujimura M, Uenohara H, Shimizu H, Tominaga T. Development of Moyamoya Disease in Pregnancy and Puerperium -Case Report-. *Neurol Med Chir (Tokyo)* 54: 824-826, 2014
- (5) Sonobe S, Fujimura M, Niizuma K, Fujimura T, Furudate S, Nishijima Y, Kure S, Tominaga T. Increased vascular MMP-9 in mice lacking RNF213; moyamoya disease susceptibility gene. *Neuroreport* 25: 1442-1446, 2014
- (6) Fujimura M, Niizuma K, Endo H, Sato K, Inoue T, Shimizu H, Tominaga T. Quantitative analysis of early postoperative cerebral blood flow contributes to the prediction and diagnosis of cerebral hyperperfusion syndrome after revascularization surgery for moyamoya disease. *Neurol Res* 37: 131-138, 2015
- (7) Ito A, Fujimura M, Niizuma K, Kanoke A, Sakata H, Morita-Fujimura Y, Kikuchi A, Kure S, Tominaga T. Enhanced post-ischemic angiogenesis in mice lacking RNF213; a susceptibility gene for moyamoya disease. *Brain Res* 1594: 310-320, 2015
- (8) Fujimura M, Tominaga T. Diagnosis of Moyamoya Disease: International Standard and Regional Differences. *Neurol Med Chir (Tokyo)* (in press)
- (9) Sakata H, Fujimura M, Mugikura S, Sato K, Tominaga T. Local vasogenic edema without cerebral hyperperfusion after direct revascularization surgery for moyamoya disease. *J Stroke Cerebrovasc Dis* (in press)
- (10) 藤村幹. もやもや病に対する血行再建術の合併症とその発生メカニズム. *脳神経外科速報* 24: 538-545, 2014
- (11) 坂田洋之、藤村幹、佐藤健一、清水宏明、冨永悌二. 周術期管理に苦慮した動脈硬化を合併した成人類もやもや病の1例. *脳神経外科* 42: 737-743, 2014
- (12) 藤村幹、冨永悌二. もやもや病：診断と治療. *日本臨床* 72: 548-552, 2014
- (13) 藤村幹、新妻邦泰、遠藤英徳、佐藤健一、井上敬、冨永悌二. もやもや病に対する血行再建術後・過灌流に対するミノサイクリンを用いた周術期管理の現状と問題点. *脳卒中の外科* (出

版中)

- (14) 赤松洋祐 藤村幹 坂田洋之 遠藤英徳 板橋亮 富永悌二. 1型糖尿病に合併した成人・類もやもや病の1手術例. 脳神経外科 43:227-233, 2015
- (15) Takagi Y, Miyamoto S; COSMO-Japan Study Group. Cognitive Dysfunction Survey of the Japanese Patients with Moyamoya Disease (COSMO-JAPAN Study): Study Protocol. *Neurol Med Chir (Tokyo)*. 2015 Mar 15;55(3):199-203
- (16) Funaki T, Fushimi Y, Takahashi JC, Takagi Y, Araki Y, Yoshida K, Kikuchi T, Miyamoto S. Visualization of Periventricular Collaterals in Moyamoya Disease with Flow-sensitive Black-blood Magnetic Resonance Angiography: Preliminary Experience. *Neurol Med Chir (Tokyo)*. 2015 Mar 15;55(3):204-9
- (17) Funaki T, Takahashi JC, Takagi Y, Kikuchi T, Yoshida K, Mitsuhashi T, Kataoka H, Okada T, Fushimi Y, Miyamoto S. Unstable moyamoya disease: clinical features and impact on perioperative ischemic complications. *J Neurosurg*. 2015 Feb;122(2):400-7
- (18) Araki Y, Takagi Y, Ueda K, Ubukata S, Ishida J, Funaki T, Kikuchi T, Takahashi JC, Murai T, Miyamoto S. Cognitive function of patients with adult moyamoya disease. *J Stroke Cerebrovasc Dis*. 2014 Aug;23(7):1789-94
- (19) Funaki T, Takahashi JC, Takagi Y, Yoshida K, Araki Y, Kikuchi T, Kataoka H, Iihara K, Sano N, Miyamoto S. Incidence of late cerebrovascular events after direct bypass among children with moyamoya disease: a descriptive longitudinal study at a single center. *Acta Neurochir (Wien)*. 2014 Mar;156(3):551-9
- (20) Funaki T, Takahashi JC, Takagi Y, Yoshida K, Araki Y, Kikuchi T, Kataoka H, Iihara K, Miyamoto S. Impact of posterior cerebral artery involvement on long-term clinical and social outcome of pediatric moyamoya disease. *J Neurosurg Pediatr*. 2013 Dec;12(6):626-32
- (21) Mineharu Y, Takagi Y, Takahashi JC, Hashikata H, Liu W, Hitomi T, Kobayashi H, Koizumi A, Miyamoto S. Rapid progression of unilateral moyamoya disease in a patient with a family history and an RNF213 risk variant. *Cerebrovasc Dis*. 2013;36(2):155-7
- (22) Kuroda S, Kashiwazaki D, Hirata K, Shiga T, Houkin K, Tamaki N: Effects of surgical revascularization on cerebral oxygen metabolism in patients with moyamoya disease – An ¹⁵O-gas PET study. *Stroke* 45:2717-2721, 2014
- (23) Vuignier S, Akioka N, Hamada H, Kashiwazaki D, Kuroda S: Headache attack followed by rapid disease progression in pediatric moyamoya disease – How should we manage it? *Child's Nerv Syst* 30:1733-1736, 2014

- (24) Shibata T, Musha T, Kubo M, Horie Y, Asahi T, Kuwayama N, Kuroda S, Hayashi K, Kobayashi Y, Tanaka M, Matsuzaki H, Asada T: Neuronal activity topography parameters as a marker for differentiating vascular cognitive impairment in carotid stenosis. *J Stroke Cerebrovasc Dis* 23:2384-2390, 2014
- (25) Hori S, Kashiwazaki D, Akioka N, Hayashi T, Hori E, Umemura K, Horie Y, Kuroda S: Surgical anatomy and preservation of middle meningeal artery during bypass surgery for moyamoya disease. *Acta Neurochir (Wien)* 157:29-36, 2015
- (26) Kuroda S, AMORE Study Group: Asymptomatic moyamoya disease – literature review and ongoing AMORE study. *Neurol Med Chir (Tokyo)* 55:194-198, 2015
- (27) 黒田 敏：もやもや病。豊田一則（編）「脳梗塞読本」2014、中外医学社、pp345-357
- (28) 黒田 敏：AMORE。 *Clinical Neuroscience* 32:454-455, 2014
- (29) 堀 聡、柏崎大奈、秋岡直樹、浜田秀雄、桑山直也、黒田 敏：間接バイパス術後30年を経て出血発症したもやもや病の成人例—追加的脳血行再建術の手技と有用性について。 *脳外* 42:347-353, 2014
- (30) 黒田 敏：もやもや病（ウィリス動脈輪閉塞症）。鈴木則宏（編）「脳血管障害の治療最前線」2014、中山書店、pp216-224
- (31) 黒田 敏：Case 5 前頭部痛、右片麻痺の発作を繰り返す女兒。鈴木則宏（編）「脳血管障害の治療最前線」2014、中山書店、pp395-399
- (32) 林 智秀、柏崎大奈、秋岡直樹、桑山直也、黒田 敏：術後過灌流が再燃して症候化したと考えられる成人もやもや病の一例。 *脳外*42:621-627, 2014
- (33) 黒田 敏：もやもや病に対する脳血行再建術。 *Journal of Clinical Rehabilitation* 23:760-768, 2014
- (34) 黒田 敏：無症候性もやもや病。橋本信夫ら（編）「臨床医のための最新脳神経外科」先端医療技術研究所、pp199-202, 2014
- (35) 柏崎大奈、黒田 敏：もやもや病に対する直接バイパス術。小児の脳神経 38:395-402, 2014
- (36) 黒田 敏：もやもや病のバイパス術。森田明夫（編）「バイパス術のすべて—一次世代への技術の継承」メジカルビュー社、pp58-69, 2015
- (37) 黒田 敏、AMORE Study Group：AMORE (asymptomatic Moyamoya Registry)研究。 *日本臨床* 72:Suppl 7, 659-663, 2014
- (38) Chong PF, Ogata R, Kobayashi H, Koizumi A, Kira R., Early onset of moyamoya syndrome in a Down syndrome patient with the genetic variant RNF213 p.R4810K, *Brain Dev.*, Available online 26 December 2014
- (39) 小林果、人見敏明、小泉昭夫., もやもや病と RNF213 遺伝子、 *分子脳血管病*, 13 卷 2 号:54-56, 2014 年
- (40) Yan J, Hitomi T, Takenaka K, Kato M, Kobayashi H, Okuda H, Harada KH, Koizumi A., Genetic study of intracranial aneurysms, *Stroke*, 46(3):620-626, 2015
- (41) Hitomi T, Matsuura N, Shigematsu Y, Okano Y, Shinozaki E, Kawai M, Kobayashi H, Harada KH, Koizumi A., Importance of molecular diagnosis in the accurate diagnosis of systemic carnitine deficiency, *J Genet.*, in press

- (42) Miyamoto S, Yoshimoto T, Hashimoto N, Okada Y, Tsuji I, Tominaga T, Nakagawara J, Takahashi JC; JAM Trial Investigators. Effects of extracranial-intracranial bypass for patients with hemorrhagic moyamoya disease: results of the Japan Adult Moyamoya Trial. *Stroke*. 2014 May;45(5):1415-21
- (43) Kazumata K, Ito M, Tokairin K, Ito Y, Houkin K, Nakayama N, et al. The frequency of postoperative stroke in moyamoya disease following combined revascularization: A single-university series and systematic review. *Journal of neurosurgery*. 2014;121:432-440
- (44) Kazumata K, Shinbo D, Ito M, Shichinohe H, Kuroda S, Nakayama N, et al. Spatial relationship between cerebral microbleeds, moyamoya vessels, and hematoma in moyamoya disease. *Journal of stroke and cerebrovascular diseases : the official journal of National Stroke Association*. 2014;23:1421-1428
- (45) Kazumata K, Tha KK, Narita H, Kusumi I, Shichinohe H, Ito M, et al. Chronic ischemia alters brain microstructural integrity and cognitive performance in adult moyamoya disease. *Stroke: a journal of cerebral circulation*. 2015;46:354-360
- (46) Uchino H, Kazumata K, Ito M, Nakayama N, Kuroda S, Houkin K. Intraoperative assessment of cortical perfusion by indocyanine green videoangiography in surgical revascularization for moyamoya disease. *Acta neurochirurgica*. 2014;156:1753-1760