

## 名古屋市立大学

Toshiaki Shichinohe, Hiroshi Date, Satoshi Hirano, Eiji Kobayashi, Yoshimitsu Izawa, Yasuhiro Shirakawa, Masako Hiramatsu, Mitsuhiro Mase, Hiroshi Taneichi, Hiroyuki Yaginuma, Toyoshi Fujimoto, Toshiyuki Tsurumoto, Masahiko Watanabe, Hiroshi Kurita, Naohito Hato, Tomoyasu Kato, Hiroomi Kanayama, Takane Suzuki, Kumiko Yamaguchi, Yoshimasa Takeda: Usage of cadavers in surgical training and research in Japan over the past decade. *Anat Sci Int*. 97(3):241–250, 2022

Hiroshi Yamada, Motoki Tanikawa, Tomohiro Sakata, Noritaka Aihara, Mitsuhiro Mase: Usefulness of T2 Relaxation Time for Quantitative Prediction of Meningioma Consistency. *World Neurosurg* 157:e484–e491, . 2022

Hiroyasu Inoue, Masahiro Oomura, Yusuke Nishikawa, Mitsuhiro Mase, Noriyuki Matsukawa: Direct Advancement of Balloon-Guide Catheter Distal to the Carotid Free-Floating Thrombus Achieves Smart Mechanical Thrombectomy. *Cureus* 14(2):e22439, 2022.

Hiroyasu Inoue, Masahiro Oomura, Yusuke Nishikawa, Mitsuhiro Mase, Noriyuki Matsukawa: Aplastic or twig-like middle cerebral artery and cardiogenic cerebral embolism mimicking moyamoya disease with RNF213 polymorphism: A case report. *Interv Neuroradiol* 28(6):634–638, 2022.

Katano H, Mase M. Genetic and epigenetic interaction in stabilization mechanism of highly calcified carotid plaques. *Atherosclerosis* 355: e112, 2022

Tanikawa M\*. Fully endoscopic occipital transtentorial approach for pineal region tumors. *Childs Nerv Syst* 2022; [https://doi.org/10.1007/s00381-022-05658-](https://doi.org/10.1007/s00381-022-05658-6)

Yamada S, Tanikawa M\*, Shibata H, Honda-Kitahara M, Nakano Y, Satomi K, Sataka T, Hirose T, Ichimura K, Mase M. DNA methylation array analysis for diffuse leptomeningeal glioneuronal tumor with conspicuous hypothalamic mass. A case report. *Neuropathology* 42:512-518, 2022

Tanikawa M\*, Sakata T, Yamada H, Kawase-Kamikokura H, Ohashi K, Ueki T, Mase M. Endoscopic high occipital interhemispheric transtentorial approach for lesions in the anterosuperior cerebellum, upper fourth ventricle and upper dorsal brain stem. *World Neurosurgery* 159:e260-e266, 2022

谷川元紀 神経機能解剖を理解した脳腫瘍手術戦略と合併症対応⑥ 松果体部 脳神経外科速報 32:365-370, 2022

Yavuz Ilik S, Otani T, Yamada S, Watanabe Y, Wada S. A Subject-Specific Assessment of Measurement Errors and Their Correction in Cerebrospinal Fluid Velocity Maps using 4D Flow MRI. *Magn Reson Med.* 87(5):2412-2423, 2022.

Otani T, Yamashita H, Iwata K, Yavuz Ilik S, Yamada S, Watanabe Y, Wada S. A concept on velocity estimation from magnetic resonance velocity images based on variational optimal boundary control. *J Biomech Sci Eng.* (online first), 2022.

Yamada S, Ishikawa M, Nakajima M, Nozaki K. Reconsidering Ventriculoperitoneal Shunt Surgery and Postoperative Shunt Valve Pressure Adjustment: Our Approaches Learned from Past Challenges and Failures. *Front Neurol.* 6;12:798488, 2022.

Yuhn C, Oshima M, Chen Y, Hayakawa M, Yamada S. Uncertainty quantification in cerebral circulation simulations focusing on the collateral flow: Surrogate model approach with machine learning. *PLoS Comput Biol.* 22;18(7):e1009996, 2022.

Aoyagi Y, Yamada S, Ueda S, Iseki C, Kondo T, Mori K, Kobayashi Y, Fukami T,

Hoshimaru M, Ishikawa M, Ohta Y. Development of Smartphone Application for Markerless Three-Dimensional Motion Capture Based on Deep Learning Model. *Sensors (Basel)*. 14;22(14):5282, 2022.

Erena Kobayashi, Shigenori Kanno, Nobuko Kawakami, Wataru Narita, Makoto Saito, Keiko Endo, Masaki Iwasaki, Tomohiro Kawaguchi, Shigeki Yamada, Kazunari Ishii, Hiroaki Kazui, Masakazu Miyajima, Masatsune Ishikawa, Etsuro Mori, Teiji Tominaga, Fumiaki Tanaka, Kyoko Suzuki. Risk factors for unfavourable outcomes after shunt surgery in patients with idiopathic normal-pressure hydrocephalus. *Scientific Reports*. 12(1) 13921, 2022.

Hiroto Kawano, Shigeki Yamada, Atsushi Tsuji, Keiichi Tsuji, Kazuhiko Nozaki. Four-Dimensional Flow Magnetic Resonance Imaging Analysis of Cerebral Aneurysm in the Carotid Rete Mirabile. *Stroke*. 53(12):e519-e520, 2022.

Yamada S, Mitsuhiro Mase. Cerebrospinal Fluid Production and Absorption, and Ventricular Enlargement Mechanisms in Hydrocephalus. *Neurologia medico-chirurgica*. (in press.) 2022.

## 総説

山田茂樹. Pro から Pro へ「特発性正常圧水頭症の診断・治療を進める際の注意点について」*日本医事新報* 49(5110) 49-50, 2022.

山田茂樹. 特集:水頭症—脳脊髄液動態への理解と治療に迫る 第一章 脳液髄液の生理と解剖 1. 脳脊髄液の産生・吸収機構と脳室拡大の解剖学的メカニズム. *脳神経外科* 50(2) 264-275, 2022.

Hiroyasu INOUE, Masahiro OOMURA, Yusuke NISHIKAWA, Mitsuhiro MASE, and Noriyuki MATSUKAWA. New Cortical Spot Cerebral Infarction Out of Border Zone in ICA Occlusion Suggests Recanalization: A Case Report. *NMC Case Report Journal* 9, 49-53, 2022 DOI: 10.2176/jns-nmc.2021-0403

Hiroyasu Inoue , Masahiro Oomura, Yusuke Nishikawa, Mitsuhiro Mase and Noriyuki Matsukawa. Successful Mechanical Thrombectomy for Acute Middle Cerebral Artery Occlusion in a Centenarian. *Cureus* 14(2): e22071. DOI 10.7759/cureus.22071

Yosuke Nakai, Yusuke Nishikawa, Takayuki Saito and Hisao Suda. Single-stage repair for ascending aortic aneurysm, artery stenosis and occlusion of neck vessels caused by Takayasu arteritis. *Interact CardioVasc Thorac Surg* 2022; doi:10.1093/icvts/ivac180.

Hiroyasu INOUE, Masahiro OOMURA, Yusuke NISHIKAWA, Mitsuhiro MASE, Noriyuki MATSUKAWA New Cortical Spot Cerebral Infarction Out of Border Zone in ICA Occlusion Suggests Recanalization: A Case Report NMC Case Report *Journal* 9 49-53 2022 年 12 月 31 日

藤浪亮太、金井秀樹、打田淳、大野貴之、大石龍矢、間瀬光人 片側のタンデム閉塞による脳梗塞をきたした両側性頸部内頸動脈解離の1例 *脳卒中の外科* 50 巻 5 号 381-385 2022