Contents

Editor’s column
949 Balancing technical innovation and competence in the age of evidence-based medicine
M Mokin, P Kan

Commentary
951 The promise and challenges of CSF-venous fistula treatment
P C Kunze, T J Amrhein

New devices and techniques
953 Clinical and imaging outcomes of cerebospinal fluid-venous fistula embolization
W Brinjikji, I Garza, M Whealy, N Kassoon, J L D Atkinson, L Savaszone, A Madhavan, J Castorfish-Gregory

957 The ARTISSE intrasaccular device for intracranial aneurysm treatment: short-term, mid-term and long-term clinical and angiographic results
M Picton, R Fezeh, H Reidjem, S Smajda, J P Desilles, S Escalard, B Maier, S Hebert, F Dehoye, M Mazighi, R Blanc

962 Transarterial embolization of dural arteriovenous fistulas of the lateral sinuses with stent-assisted sinus protection
A Guidon, M Eloratnone, M-A Labevrie, V Cavelli, J-P Saint-Maurice, E Houadan

968 Ophthalmic artery angioplasty for age-related macular degeneration
I Lyllyk, C Blise, P N Lylyk, N Perez, J Lundquist, E Scorrano, A A Francione, M Charles, T Zompa, P Lylyk

973 Direct carotid artery access for neurointerventional procedures in infants
F Requeaj, D J Teplissey, T N Nguyen, M Abeldkaker

976 Technical considerations and tips for using the Tegus remote proctoring system in elective and emergency cases and in webinars
A von Hessing, T Reyes del Castillo, J E Roos, G M Kawwacki

Ischemic stroke
979 Bridging thrombolysis in atrial fibrillation stroke is associated with increased hemorrhagic complications without improved outcomes

985 Similar admission NIHSS may represent larger tissue-at-risk in patients with right-sided versus left-sided large vessel occlusion

992 Intravenous alteplase has different effects on the efficacy of aspiration and strent retrieval thrombectomy: analysis of the COMPASS trial

997 Intracranial non-occlusive intraluminal thrombus may indicate underlying etiology of large vessel occlusion in patients undergoing endovascular therapy

Volume 14 Issue 10 | JNIS October 2022
Hemorrhagic stroke

1002 Prediction of bleb formation in intracranial aneurysms using machine learning models based on aneurysm hemodynamics, geometry, location, and patient population  
S F Salimi Ashkezari, F Mut, M Slawski, B Cheng, A K Yu, T G White, H H Woo, M J Koch, S Annin-Hanjani, F T Charbel, B Rezai Jahromi, M Niemelä, T Kavisto, J Frosten, Y Tobe, S Maiti, A M Robertson, J R Cebal

1008 Predictors of unfavorable outcome in stent-assisted coiling for symptomatic unruptured intracranial spontaneous vertebral artery dissecting aneurysms (uis-VADAS): results from a multicenter study  
K Zhao, R Zhao, X Yang, S Guan, G Liang, H-I Wang, D Wang, W Feng, Z Li, W Wang, Y Peng, J Xu, L Wang, M Zhong, G Mao, T Li, Y Zhang, D Chen, C Cai, X Sun, H Shi, J Yu, Y Wang, Z Gu, G Zhu, Q Zhu, J Wan, Q Li, H Yang, G Li, E Chai, Q Li, P Yang, Y Fang, D Dai, B Hong, Q Huang, X Xu, J Liu, J Xu

1014 Predictors of incomplete aneurysm occlusion after treatment with the Pipeline Embolization Device: PREMIER trial 1 year analysis  
R A Hanel, A Monteiro, P K Nelson, D K Lopes, D F Kallmes

1018 Endovascular treatment of ruptured anterior communicating aneurysms: a 17-year institutional experience with coil embolization  

Ischemic stroke

1042 Endovascular retrieval of bullet fragment from the basilar artery terminus  
S U Ahmed, A E Kelly, I. Peeling

Technical video

1045 Applications of the Columbus steerable guidewire  
A von Hessling, T Reyes del Castillo, L Lehmann, J E Roos, G Karwacki

Letters

1046 Letter to the Editor regarding “Ophthalmic artery angioplasty for age-related macular degeneration”  
A Servillo, R Sacconi, N Ribarich, G Querques

1047 Reply to Letter to the Editor regarding “Ophthalmic artery angioplasty for age-related macular degeneration”  
I Lylyk, C Bleise, P N Lylyk, N Perez, J Lundquist, E Scirano, A A Fransone, M Charles, T Zompa, P Lylyk

1047 Commentary on ‘Systematic CT perfusion acquisition in acute stroke increases vascular occlusion detection and thrombectomy rates’  
M Krupa, J M Romero