Contents

Editor’s column
913 Social media and JNIS: expanding the digital clique
K M Fargen, T A Wilson, R de Leacy, A P JadHAV, A F Ducruet

Commentary
915 Denominator fallacy revisited
M Goyal, A P JadHAV

Ischemic stroke
917 Too good to intervene? Thrombectomy for large vessel occlusion strokes with minimal symptoms: an intention-to-treat analysis

922 Vessel perforation during stent retriever thrombectomy for acute ischemic stroke: technical details and clinical outcomes

929 Association of clot burden score with radiographic and clinical outcomes following Solitaire stent retriever thrombectomy: analysis of the SWIFT PRIME trial
M Moekin, E I Levy, A H Siddiqui, M Goyal, R G Nogueira, D R Yavagal, V M Pereira, J L Saver

933 Subclinical ischemic events in patients undergoing carotid artery stent placement: comparison of proximal and distal protection techniques
E AytaC, E Gürkac, C K Akpinar, M A Saleem, A I Qureshi

937 Impact of thrombus length on recanalization and clinical outcome following mechanical thrombectomy in acute ischemic stroke
F Seker, J Poff, M Wolf, S Schönberger, S Nagel, C Herweck, M Pham, M Bendzus, M A Möhlenbruch

940 CT angiography-based collateral flow and time to reperfusion are strong predictors of outcome in endovascular treatment of patients with stroke

944 Stent retrieval thrombectomy in acute stroke is facilitated by the concurrent use of intracranial aspiration catheters
G Jindal, Y Serrule, T Miller, E Le, M Wozniak, M Phipps, M Iyoha, V Gupta, R Shivashankar, D Gandhi

948 Endovascular treatment for AIS with underlying ICAD

952 Stroke prevention by endovascular treatment of carotid and vertebral artery dissections
K Moon, F C Albuquerque, T Cole, B A Gross, C G McDougall

Hemorrhagic stroke
958 Influence of CYP2C19 genetic polymorphisms on clinical outcomes of intracranial aneurysms treated with stent-assisted coiling
H Ge, X Lu, H Ren, H Jin, Y Jiang, H He, P Liu, Y Li

963 Endovascular isolation of intracranial blood blister-like aneurysms with Willis covered stent
C Fang, H-Q Tan, H-J Han, H Feng, J-C Xu, S Yan, Z-Y Nie, L-J Jin, F Teng

New devices
969 Deployment technique that takes advantage of the characteristics of Enterprise VRD2: an in vitro study
H Chihara, A Ishit, T Kikuchi, H Ikeda, D Aori, S Miyamoto

Clinical neurology
974 Contribution of whole platelet aggregometry to the endovascular management of unruptured aneurysms: an institutional experience
S G Azou, B C Welch, L G Pride, J White, R Novakovic, K Hces, R Savade
978  P2Y12 hyporesponse (PRU>200) is not associated with increased thromboembolic complications in anterior circulation Pipeline
M T Bender, L-M Lin, G P Colby, D Lubelski, J Huang, R J Tamargo, A L Coon

982  Off-label use of the Angioseal vascular closure device for femoral arteriotomy: retrospective analysis of safety and efficacy
S S Shah, G Perez, B M Snelling, D C Haussen, S Sur, I Sharma, D R Yavagal, M S Elhammady, E C Peterson

986  Intracranial venous pressures under conscious sedation and general anesthesia
D M S Raper, T J Buell, C-J Chen, D Ding, R M Starke, K C Liu

990  Comparison of venous sinus manometry gradients obtained while awake and under general anesthesia before venous sinus stenting

Basic science
994  In situ tissue engineering: endothelial growth patterns as a function of flow diverter design

999  Selection of helical braided flow diverter stents based on hemodynamic performance and mechanical properties
T Suzuki, H Takedo, S Fujimura, C Dahmani, T Ishikawa, H Munetori, N Fukuushima, M Yamamoto, Y Matsuyama

1006  Thrombogenicity of flow diverters in an ex vivo shunt model: effect of phosphorylcholine surface modification
M W Hagen, G Giridakis, J Wainwright, M T Hinds

Neuroimaging
1012  Utility of perfusion imaging in acute stroke treatment: a systematic review and meta-analysis
W H A Ryu, M B Avery, N Dharampal, I E Allen, S W Hets

1017  High prevalence of intracranial aneurysms in patients with aortic dissection or aneurysm: feasibility of extended aorta CT angiography with involvement of intracranial arteries
D Lee, S J Ahn, E-S Cho, Y B Kim, S-W Song, W S Jung, S H Suh

Head and neck
1023  Sclerotherapy for lymphatic malformations of the head and neck in the pediatric population
J H Tu, H M Do, V Patel, K W Yen, J M C Tseng

Spine
1027  Temporary vertebral artery occlusion after C3 fracture dislocation injury and spontaneous resolution following reduction and instrumented fusion: case report and literature review
K Yeager, J Mascitelli, C Kellner, Z Hickman, J Mocco, K Margetis

Electronic pages
e37  Segmental upper mid-basilar artery sacrifice in a child using a Micro Vascular Plug device for treatment of a basilar arteriovenous fistula compressing the brainstem
A P See, M A Kochis, D B Orbach