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  
D C Haussen, M Bowslama, J A Grossberg, A Anderson, S Belagaje, M Frankel, N Bianchi, L C Rebelo, R G Nogueira

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  

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

937 Impact of thrombus length on recanalization and clinical outcome following mechanical thrombectomy in acute ischemic stroke  
P Sezer, J Pfeff, M Wolf, S Schönberger, S Nagel, C Herwech, 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  
P Salliotte, C Mer, S Pizzuto, M Diomedi, C Herweh, M Pham, M Bendzus, M A Möhlenbruch

944 Stent retrieval thrombectomy in acute stoke is facilitated by the concurrent use of intracranial aspiration catheters  
G Jindal, Y Serrolle, T Miller, E Le, M Wozniak, M Phripps, M Iyo, 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, J Yuan, 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 V Nie, J J Jin, F Tang

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

Clinical neurology 974  Contribution of whole platelet aggregometry to the endovascular management of unruptured aneurysms: an institutional experience  
S G Aoun, B C Welch, L G Pride, J White, R Novakova, K Hues, R Savade
Contents

Volume 9 Issue 10 | JNIS October 2017

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 K M Fargen, A M Spiotta, M Hyer, J Lena, R D Turner, A S Turk, I Chaudry

Basic science


999 Selection of helical braided flow diverter stents based on hemodynamic performance and mechanical properties T Suzuki, H Takeo, S Fujimura, C Dahmani, T Ichihashi, H Mannori, N Fukushima, M Yamamoto, Y Maruyama

1006 Thrombogenicity of flow diverters in an ex vivo shunt model: effect of phosphorylcholine surface modification M W Hagen, G Giridhar, 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 Hetts


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 Yeom, J M C Teng

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