Contents

Volume 16 Issue 3 | JNIS March 2024

Editor’s column

219 Neuroendovascular robotics: wave of the future or failed promise?
M R Fusco, R Chitele

Commentary

221 What should neurointerventionalists know about cost-effectiveness research, and why should they care?
J M Ospet, W G Kuntz, L A Rinkel, P C Sanelli, J A Hirsch

Technical videos: special section on the management of Wide-Necked Aneurysms

225 How to use the Contour intracranial device: two illustrative cases
A Bondi, P Prometris, F Di Caterino, S Vancheri, C Vitale, G Charbonnier

226 WEB for recurrent aneurysms: a case series to review technical nuances
R Holland, M A Essaiby, D Abschal

228 Double microcatheter reduction using partially deployed Atlas stents in treating a large dysplastic MCA bifurcation aneurysm with Y stent assisted coiling
M Gaud, J Leary, L A Brenbaum, F Al Saigh, J R Masattelli

229 Endovascular treatment of wide-neck bifurcation aneurysms: the eCLips device
A Conso, H Noth, A Dof, G Charbonnier, A Araujo, T R Marotta

Ischemic stroke

230 Effect of anesthetic strategies on distal stroke thrombectomy in the anterior and posterior cerebral artery

237 Predictors for large vessel recanalization before stroke thrombectomy: the HALT score
M Celasunro, H Chen, C Schnier, M Khalid, M Khonte, T R Miller, J Cherian, A Malhotra, D Gandhi

243 Antithrombotic regimen in emergent carotid stenting for acute ischemic stroke due to tandem occlusion: a meta-analysis of aggregate data
F Diafna, M Abdellade, B Behme, W Li, C J Maurer, R Pop, Y-H Huang, B Barinlini, V Da Ros, S Bracco, L Crillo, G Marano, A H Katsanos, J Katsmacher, U Fischer, D Aguiar de Sousa, S Pescelli, A Zmi, A Tomassell, M Rio, T N Nguyen, M Romoli, for the APT-eCAS collaboration

248 Early venous filling after mechanical thrombectomy in acute ischemic stroke due to large vessel occlusion in anterior circulation
Y Li, W Cao, X Xu, T Li, Y Chen, Y Wang, J Chen, P Gao, B Yang, A A Dmytryw, R W Rehengahra, F Chen, Q Ma, J Lu, Y Liu, C Wang, X Bai, L Jiao

253 Assessing the clinical reasoning of ChatGPT for mechanical thrombectomy in patients with stroke

New devices and techniques

261 CT-guided percutaneous cyanoacrylate injection targeting the spinal cerebrospinal fluid leak: a potential therapeutic option for spontaneous intracranial hypotension
L Liao, R Tonene, E Schmin, S Planef, F Zhu, P Muszynski, O Harsan, R Aloxton, S Bracard, M Braun

More contents ➤
The Zoom RDL radial access system for neurointervention: An early single-center experience

The VEBAS score: a practical scoring system for intracranial dural arteriovenous fistula obliteration

In vitro comparison of middle meningeal artery embolization with Squid liquid embolic agent and Contour polyvinyl alcohol particles
C Sadasivan, N Dashki, S Marfoglio, D Fiorella

Impact of stent-retriever tip design on distal embolization during mechanical thrombectomy: a randomized in vitro evaluation
J Li, R Tiben, P Bhogal, J-H Buhk, D Behme, A Tomassello, M Ribo

Automated catheter segmentation and tip detection in cerebral angiography with topology-aware geometric deep learning
R Ghosh, K Wong, Y J Zhang, G W Britz, S T C Wong

In vitro flow diversion effect of the ReSolv stent with the shelf technique in a bifurcation aneurysm model
B L Belanger, R Morish, D McClary, C Barstide, W Muir, S Ghazizadeh, M Eesa, D Fiorella, J H Wong, C Sadasivan, A P Mitha

WEB shape modifications: angiography–histopathology correlations in rabbits
K Janot, G Bocanias, G Forester, F Bala, J Corne, Z Szandary, S M Rander, M Bauduin, M-L Perin, J Meunier, C Courquet, C Yar, C Segonds, N Dubois, A Martinez, P L Lesage, Y-H Ding, R Kaidarv, D Dai, C Monayer, F Terro, A Rouchaud

Role of optical coherence tomography in pipeline embolization device for the treatment of vertebral–basilar artery dissecting aneurysms
Y Ma, Z Ji, W Yang, L Li, L Han, Y Liu, Y Guo, A A Dmytry, C He, G Li, H Zhang

Intensive care unit admission is not necessary after venous sinus stenting
A M Iyer, J P Mulhien, C Kinel, K M Fargen

Impact of COVID-19 pandemic on treatment and outcomes of cerebral arteriovenous malformations
I A Ramsay, V Govindarajan, T Elnajini, A Abdelsalam, M Silva, R M Starke, E Fargen

Correspondence on ‘Predictors for large vessel recanalization before stroke thrombectomy: the HALT score’ by Colasurdo et al
M T M Chaychi, M A Muzammil, M K Ahmed

Response to the comment on ‘Predictors for large vessel recanalization before stroke thrombectomy: the HALT score’
H Chen, M Colasurdo, C Schier, M Khalid, M Khante, T R Miller, J Cherian, A Malhotra, D Gandhi

Correspondence on ‘The Zoom RDL radial access system for neurointervention: an early single-center experience’ by Morsi et al
V Bhatia

Correspondence on ‘Embolization strategies for intracranial dural arteriovenous fistulas with an isolated sinus: a single-center experience in 20 patients’ by Hendriks et al
X Su, Z Song, H Zhang, Y Ma, P Zhang