Editor’s column
1149 Evolution of the species – the neurointerventional surgeon in 2017 and beyond
I Eljivich

Commentary
1151 Optimizing peer review: the JNIS approach
M Chen, J A Hirsh, R De Leacy, P C Albuquerque

Ischemic stroke
1154 Continuous aspiration prior to intracranial vascular embolocoagulation (CAPTIVE): a technique which improves outcomes
R A McKirtagh, E L Tung, S Vygoli, S M Cating, M Hemendinger, H I Gale, G L Baid, R A Hass, M V Jayaranam

1160 Initial clinical experience using the two-stage aspiration technique (TSAT) with proximal flow arrest by a balloon guiding catheter for acute ischaemic stroke of the anterior circulation
H Matsuomoto, H Nishiyama, Y Tessio, H Takemoto, N Nakao

1166 Hospital transfer associated with increased mortality after endovascular revascularization for acute ischemic stroke
I. Ronadde, W Brüggen, B A McCutcheon, M Byden, H Clift, D F Kallmes, A A Rabinstein

1173 Mechanical thrombectomy for basilar artery thrombosis: a comparison of outcomes with anterior circulation occlusions

1179 Opercular Index Score: a CT angiography-based predictor of capillary robustness and neurological outcomes in the endovascular management of acute ischemic stroke
A Copelan, M Chehab, W Brüggen, Z Wilseck, D F Kallmes, J Wilseck

1187 Endovascular stroke therapy may be safe in patients with elevated international normalized ratio
S Murthy, Wynarg, A Tillmann, M A Möhlenbruch, M Bendzus, P A Ringelk

Hemorrhagic stroke
1191 Demographic, procedural and 30-day safety results from the WEB Intra-saccular Therapy Study (WEB-IT)
D Fiorella, A Molyneux, A Coon, I Szikora, I Saita, F Baltacioglu, A Sultan, A Arthur, for the WEB-IT Study Investigators

1197 How safe and effective are existing treatments for wide-necked bifurcation aneurysms? Literature-based objective performance criteria for safety and effectiveness
D Fiorella, A S Arthur, R Chiachierin, E Emery, A Molyneux, I Pierot

1202 Neuroprotective strategies following intraparenchymal hemorrhage
R M Baladjiouw, E R Badwan, B P Walcott, A Patel, R Durazo, D M Hodis, B A Emanuel, W J Mack

1208 Use of the Pipeline embolization device for recurrent and residual cerebral aneurysms: a safety and efficacy analysis with short-term follow-up

New devices
1214 Catch Plus thrombectomy device in acute stroke: initial evaluation
A Peker, E M Arsava, M A Topçuoğlu, A Arat

1219 The Barrel stent: new treatment option for stent-assisted coiling of wide-necked bifurcation aneurysms—results of a single-center study
R Mühlt-Benninghaus, A Simgen, W Reib, U Yilmaz

MORE CONTENTS ➤
Contents

1223 Multicenter experience with the new SOFIA Plus catheter as a primary local aspiration catheter for acute stroke thrombectomy

Head and neck

1228 Predictors for venous sinus stent retreatment in patients with idiopathic intracranial hypertension
A El Mekabaty, N A Obuchowski, M G Luciano, S John, C Y Chung, A Moghekar, S Jones, F K Hui

Basic science

1233 Vascular angular remodeling by kissing-Y stenting in wide necked intracranial bifurcation aneurysms
K Melber, D Meila, P Draheim, D Grieb, B Greling, M Schlunz-Hendann, F Brassel

1238 Quantitative flow measurement after placing a flow diverter for a distal internal carotid artery aneurysm

1243 Delayed enhancing lesions after coil embolization of aneurysms: clinical experience and benchtop analyses
S W Oh, N Y Shin, H-J Lee, B M Kim, D J Kim

1248 Variable MR and pathologic patterns of hemorrhage after iodinated contrast infusion in MCA occlusion/reperfusion model
H Morales, A Lu, Y Karosawa, J F Clark, T Tomsick

Neuroimaging

1253 Latest generation of flat detector CT as a per-interventional diagnostic tool: a comparative study with multidetector CT
J R Leyhe, I Tsogkas, A C Hesse, D Behme, K Schlegel, I Papageorgiou, J Liman, M Knauth, M-N Psychogios

Standards

1258 Post-thrombectomy management of the ELVO patient: Guidelines from the Society of NeuroInterventional Surgery

Electronic pages

e38 The bumper technique for advancing a large profile microcatheter
C P Kellner, A G Chartrain, C Schwengel, T J Oxley, H Shorak, J Mocco