### Editor's column

#### 1149 Evolution of the species—the neurointerventional surgeon in 2017 and beyond
L Ellovich

### Commentary

#### 1151 Optimizing peer review: the JNIS approach
M Chen, JA Hirsch, RD Leacy, FA Albuquerque

### Ischemic stroke

#### 1154 Continuous aspiration prior to intracranial vascular embolization (CAPTIVE): a technique which improves outcomes
RA Akhtarkhan, ET Tong, SYV Ighr, SM Cating, HM Hendinger, HI Jaffe, GL Baik, RA Haas, MV Javaram

#### 1160 Initial clinical experience using the two-stage aspiration technique (TSAT) with proximal flow arrest by a balloon guiding catheter for acute ischemic stroke of the anterior circulation
H Massumoto, H Nishiyama, Y Tetsuo, H Takeo, N Nakao

#### 1166 Hospital transfer associated with increased mortality after endovascular revascularization for acute ischemic stroke
L Rondeau, W Broschek, BA McCotcheon, M Byeon, H Chet, DF Kallmes, A Rabinstein

### Hemorrhagic stroke

#### 1191 Demographic, procedural and 30-day safety results from the WEB Intra-saccular Therapy Study (WEB-IT)
DF Fiorella, AM Molyneux, A Coon, JS Szikora, J Saanti, FB Alliez-Ogou, 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
DF Fiorella, AS Arthur, RC Chiachierini, E Emery, AM Molyneux, A Pierot

#### 1202 Neurprotective strategies following intraparenchymal hemorrhage
RM Babadzaxov, RE Radwanski, BP Walcott, AP Patel, RD Durazo, DM Hodis, BA Emanuel, WJ Maack

#### 1208 Use of the Pipeline embolization device for recurrent and residual cerebral aneurysms: a safety and efficacy analysis with short-term follow-up
AL Kibon, D Macedo Rodrigues, JD Lozano, DE Rex, FM Massari, TA Tamura, MH Howk, CB Brooks, JL Heuteau, MG Gounis, AK Wakhloo, AS Pur

### New devices

#### 1214 Catch Plus thrombectomy device in acute stroke: initial evaluation
A Peker, EM Arslan, MA Topcuoglu, A Arat

#### 1219 The Barrel stent: new treatment option for stent-assisted coiling of wide-necked bifurcation aneurysms—results of a single-center study
RM Hübbe-Benninghaus, AS Simgen, WR Reith, U Yilmaz

---

**Contents**

**Volume 9  Issue 12  JNIS December 2017**

**Hemorrhagic stroke**

- 1191 Demographic, procedural and 30-day safety results from the WEB Intra-saccular Therapy Study (WEB-IT)
- 1197 How safe and effective are existing treatments for wide-necked bifurcation aneurysms? Literature-based objective performance criteria for safety and effectiveness
- 1202 Neurprotective strategies following intraparenchymal hemorrhage
- 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
- 1219 The Barrel stent: new treatment option for stent-assisted coiling of wide-necked bifurcation aneurysms—results of a single-center study
Contents

Volume 9 Issue 12 | JNIS December 2017

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

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

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 peri-interventional diagnostic tool: a comparative study with multidetector CT

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 Schwegel, T J Oxley, H Shoresh, J Mocco