### Contents

**Volume 9 Issue 11 | JNIS November 2017**

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1053</td>
<td>Single-stage endovascular treatment of multiple intracranial aneurysms with combined endovascular techniques: is it safe to treat all at once?</td>
</tr>
<tr>
<td>1075</td>
<td>Efficacy of endovascular treatment and feasibility of stent-assisted coiling in the presence of severe and symptomatic vasoospasm</td>
</tr>
<tr>
<td>1081</td>
<td>Stent-assisted coiling of cerebrovascular aneurysms: experience at a large tertiary care center with a focus on predictors of recurrence</td>
</tr>
<tr>
<td>1086</td>
<td>Endovascular mechanical thrombectomy for cerebral venous sinus thrombosis: a systematic review</td>
</tr>
<tr>
<td>1093</td>
<td>Coiling of wide-necked carotid artery aneurysms assisted by a temporary bridging device (Comaneci): preliminary experience</td>
</tr>
<tr>
<td>1098</td>
<td>Treatment of wide-necked aneurysms with the Low-profile Visualized Intraluminal Support (LVIS Jr) device: a multicenter experience</td>
</tr>
</tbody>
</table>

---

**Editor’s column**

**1031 Varied terrain**

F C Albuquerque

---

**Commentary**

**1033 Verteobasilar atherosclerotic disease: is it time to revisit angioplasty?**

S Amiri-Farizan, A H Seddiqui, T N Tanan, H Woo, S Prabhakaran, C P Deselery, F T Chiarle

---

**Ischemic stroke**

**1035 A standardized neurointerventional thrombectomy protocol leads to faster recanalization times**

D Frei, C McGraw, K McCarthy, M Whaley, R J Bellon, D Loy, J Wagner, A Orlando, D Bar-Or

---

**1041 Mechanical thrombectomy in patients with medical contraindications for intravenous thrombolysis: a prospective observational study**


---

**1047 Successful recanalization in acute basilar artery occlusion treated with endovascular therapy is independent of thrombus length**

L Shu, C Reidel, J Meyne, O Jensen, U Jensen-Kondering

---

**Hemorrhagic stroke**

**1053 Extending the indications for transvenous approach embolization for superficial brain arteriovenous malformations**

D C Viana, L H de Casío-Afonso, G S Nakura, L M Morojele, P F Tribelato, B O Celli, D G Abud

---

**1060 An outcomes-based grading scale for the evaluation of cerebral aneurysms treated with flow diversion**


---

**1064 Flow diverter treatment of intracranial vertebral artery dissecting pseudoaneurysms**

R Correg, M Baim, N Moore, J Handman, A Bauer, M S Hussain, T Masaryk, P Rasmussen, G Tufk

---

**New devices**

**1093**

Coiling of wide-necked carotid artery aneurysms assisted by a temporary bridging device (Comaneci): preliminary experience


---

**1098**

Treatment of wide-necked aneurysms with the Low-profile Visualized Intraluminal Support (LVIS Jr) device: a multicenter experience

Contents

1103 Initial experience with SOFIA as an intermediate catheter in mechanical thrombectomy for acute ischemic stroke
J H Y Wong, H M Do, N A Telischak, A M Moraff, R L Dodd, M P Marks, S M Ingle, J J Heit

Tumor embolization
1107 Selective ophthalmic artery chemosurgery (SOAC) for retinoblastoma: fluoroscopic time and radiation dose parameters. A baseline study
S R Boddu, D H Abramson, B P Marr, J H Francis, Y P Gobin

Spine
1113 Efficacy and safety of the target puncture technique for treatment of osteoporotic vertebral compression fractures with intravertebral clefts
W Yu, D Liang, X Jiang, Z Yao, T Qiu, L Ye

Neuroimaging
1118 Computed tomography interobserver agreement in the assessment of aneurysmal subarachnoid hemorrhage and predictors for clinical outcome

1125 Early angiographic signs of acute thrombus formation following cerebral aneurysm treatment with the Pipeline embolization device
A Patel, T R Miller, R Shivashankar, G Jindal, D Gandhi

1131 Sidewall cerebral aneurysms: effect of an outflow angle-assisted approach on diagnosis
I-J Sun, Y-D Li, B-Z Yang, M-H Li, W Wang, B-X Gu

1139 Flat-detector computed tomography PBV map in the evaluation of presurgical embolization for hypervascular brain tumors
I-L Wen, X Zhang, Q-R Zhang, Q Wu, S-J Chen, J-L Deng, K Huang, H-D Wang

Socioeconomics
1146 The episode, the PTAC, cost, and the neurointerventionalist
J A Hirsch, A B Rosenkrantz, R W Liu, L Manchikanti, G N Nicola