Editor’s column
1031 Varied terrain
F C Albuquerque

Commentary
1033 Verteobasilar atherosclerotic disease: is it time to revisit angioplasty?
S Amiri-Farjahani, A H Siddiqui, T N Tun, H Woo, S Prabhakaran, C P Deslens, F T Charbel

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 Riedel, J Meyne, O Jansen, U Jensen-Kondering

Hemorrhagic stroke
1053 Extending the indications for transvenous approach embolization for superficial brain arteriovenous malformations
D C Viana, L H de Casso-Afonso, G S Nakini, L M Moroíspré, F P Tavelato, 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 Cegro, M Bain, N Moore, J Handsman, A Bauer, M S Hussain, T Masaryk, P Rasmussen, G T Thob

1069 Single-stage endovascular treatment of multiple intracranial aneurysms with combined endovascular techniques: is it safe to treat all at once?
C Andic, F Aydemir, O Kardes, M Gedikoglu, S Akin

1075 Efficacy of endovascular treatment and feasibility of stent-assisted coiling in the presence of severe and symptomatic vasospasm
C Andic, O Kardes, E Durudag, M Gedikoglu, S Akin

1081 Stent-assisted coiling of cerebrovascular aneurysms: experience at a large tertiary care center with a focus on predictors of recurrence
J R Linzey, J Grauwele, Z Guan, N Boatley, J J Gemmete, N Chaudhary, B G Thompson, A S Pandey

1086 Endovascular mechanical thrombectomy for cerebral venous sinus thrombosis: a systematic review
A Hyas, C-J Chen, D M Raper, D Ding, T Buell, P Mastorakos, K C Liu

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

More contents ➤
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>1103</td>
<td>Initial experience with SOFIA as an intermediate catheter in mechanical thrombectomy for acute ischemic stroke</td>
<td>J H Y Wong, H M Do, N A Telschak, A M Moraff, R L Dodd, M P Marks, S M Ingle, J J Heit</td>
<td>Tumor embolization</td>
</tr>
<tr>
<td>1107</td>
<td>Selective ophthalmic artery chemosurgery (SOAC) for retinoblastoma: fluoroscopic time and radiation dose parameters. A baseline study</td>
<td>S R Boddu, D H Abramson, B P Marr, J H Francis, Y P Gobin</td>
<td>Tumor embolization</td>
</tr>
<tr>
<td>1113</td>
<td>Efficacy and safety of the target puncture technique for treatment of osteoporotic vertebral compression fractures with intravertebral clefts</td>
<td>W Yu, D Liang, X Jiang, Z Yao, T Qiu, L Ye</td>
<td>Spine</td>
</tr>
<tr>
<td>1125</td>
<td>Early angiographic signs of acute thrombus formation following cerebral aneurysm treatment with the Pipeline embolization device</td>
<td>A Patel, T R Miller, R Shivashankar, G Jindal, D Gandhi</td>
<td>Socioeconomics</td>
</tr>
<tr>
<td>1131</td>
<td>Sidewall cerebral aneurysms: effect of an outflow angle-assisted approach on diagnosis</td>
<td>L-J Sun, Y-D Li, B-Z Yang, M-H Li, W Wang, B-X Gu</td>
<td>Neuroimaging</td>
</tr>
<tr>
<td>1139</td>
<td>Flat-detector computed tomography PBV map in the evaluation of presurgical embolization for hypervascular brain tumors</td>
<td>L-L Wen, X Zhang, Q-R Zhang, Q Wu, S-J Chen, J-L Deng, K Huang, H-D Wang</td>
<td>Socioeconomics</td>
</tr>
</tbody>
</table>