Editor’s column

619 Our job
M Chen

Point-Counterpoint

621 The future of clinical trials: data sharing
J A Hirsch

624 Is data sharing the future of clinical trials?
D Fiorella

Ischemic stroke

626 Endovascular thrombectomy for M2 occlusions: comparison between forced arterial suction thrombectomy and stent retriever thrombectomy
Y-W Kim, S Son, D-H Kang, Y-H Hwang, Y-S Kim

631 Stroke care: initial data from a county-based bypass protocol for patients with acute stroke
S F Zaidi, J Shuerer, A Espinosa Morales, H Salathuddin, G Tesfie, D Lindstrom, B Paquette, A Adams, A Korsnack, M A Jumaa

636 Factors associated with successful revascularization using the aspiration component of ADAPT in the treatment of acute ischemic stroke

641 Presence of the hyperintense acute reperfusion marker on MRI after mechanical thrombectomy for large vessel occlusion is associated with worse early neurological recovery
R Gupta, C-HY Sun, D Rochester, K Owada, A Khalidi, A K Johnson, C M Horn

644 TREVO and Capture LP have equal technical success rates in mechanical thrombectomy of proximal and distal anterior circulation occlusions
S Punto, J-P Panimukki, J Seppänen, T Makiniselkä, J Ollikainen, H Numminen, N Sillanpää

650 Ultra-distal access of the M1 segment with the 5 Fr Navien distal access catheter in acute (anterior circulation) stroke: is it safe and efficient?
H Janssen, M Keller-Oberprafzler, M Patzig, G Buchholz, J Lutz

654 Comprehensive analysis of intra-arterial treatment for acute ischemic stroke due to cervical artery dissection
J Jensen, K Salotolo, D Frei, D Loy, K McCarthy, J Wagner, M Whaley, R Bollon, D Bar-Or

Hemorrhagic stroke

659 Effect of heparin on secondary brain injury in patients with subarachnoid hemorrhage: an additional ‘H’ therapy in vasospasm treatment
M Bruder, S-Y Won, S Kashefiolad, M Wagner, N Brawaeski, N Dinc, V Seifert, J Konczalla

664 Multicenter assessment of morbidity associated with cerebral arteriovenous malformation hemorrhages
K Fukuda, M Majumdar, H Masoud, T Nguyen, A Honarmand, A Shailani, S Ansari, I A Tan, M Chen

669 Basilar artery perforator aneurysms (BAPAs): review of the literature and classification
S R Satti, A Z Vance, D Fowler, A V Farnah, T Sivaprasan

674 Flow changes in the posterior communicating artery related to flow-diveter stents in carotid siphon aneurysms
F M de Carvalho, J Caroff, E P dos Santos Neto, V Chatrouze, H Abdel Khatek, H Nebi, G Salillo, A Rouchaud, J Morel, L Spehr

679 Endovascular flow diversion for treatment of anterior communicating artery region cerebral aneurysms: a single-center cohort of 50 cases
G P Colby, M T Bender, L-M Lin, N Beatty, J Huang, R J Tamargo, A L Coon

686 Ophthalmic artery occlusion after Pipeline Embolization Device placement with reconstitution of flow via an endoleak: a report of two cases
M L Adix, I A Kaminsky, I S Choi

689 Use of the 0.027-inch VIA microcatheter for delivery of Pipeline Flex: a technical note
L-M Lin, G P Colby, M T Bender, R Xu, J Huang, R J Tamargo, A L Coon

Contents
Standards
694 A pilot study of neurointerventional research level of evidence and collaboration
K M Fargen, J Mocco, A M Spiotta, A Rai, J A Hirsch

Neuroimaging
698 Low prevalence of fetal-type posterior cerebral artery in patients with basilar tip aneurysms
M C Diogo, I Fragata, S P Dias, J Nunes, J Pamplona, J Reis

Basic science
702 NADPH oxidase inhibitor regulates microRNAs with improved outcome after mechanical reperfusion
Z Liu, Y-H Tuo, J-W Chen, Q-Y Wang, S Li, M-C Li, G Dai, J-S Wang, Y-L Zhang, L Feng, Z-S Shi

707 Combined endovascular coiling and intra-aneurysmal allogeneic mesenchymal stromal cell therapy for intracranial aneurysms in a rabbit model: a proof-of-concept study
A Adibi, M Eesa, J H Wong, A Sen, A P Mitha

Socioeconomics
714 MACRA 2.0: are you ready for MIPS?
J A Hirsch, A B Rosenkrantz, S A Ansari, L Manchikanti, G N Nicola

Electronic pages
e25 Remote multifocal bleeding points producing a Sylvian subpial hematoma during endovascular coiling of an acutely ruptured cerebral aneurysm
C A Hilditch, H Sonwalkar, S Wuppalapati
e26 Endovascular retrieval of dental needle retained in the internal carotid artery
K Moore, N R Khan, L Madison Michael, A S Arthur, D Hoit
e27 Congenital anomaly of the posterior arch of the atlas: a rare risk factor for posterior circulation stroke
Z-y Ouyang, M-j Qiu, Z Zhao, X-b Wu, L-s Tong
e28 Moving target: transient rotational stenosis precipitating jugular bow hunter’s syndrome
W Brinjikji, C S Graffeo, A Perry, T Zimmerman, J R Janus, P P Morris, G D Cascino, G Lanzino