Editor’s column

813 Neurointervention: a call to science
M J Gounis

Commentary

815 Direct to embolectomy without IV tPA: the stage is set for a randomized controlled trial
R V Chandra, T M Leslie-Mazue, B P Mehta, J A Hirsch

Ischemic stroke

817 Acute Recanalization of Thrombo-Emembolic Ischemic Stroke with pREst (ARTESp): the impact of occlusion time on clinical outcome of directly admitted and transferred patients
S Prothmann, B J Schwoager, A S Gersing, W Reith, T Niederstadt, A Felber, W Kurz

823 Impact of ASPECT scores and infarct distribution on outcomes among patients undergoing thrombectomy for acute ischemic stroke with the ADAPT technique
J P Hungerford, M Hyer, A S Turk, B D Turner, M I Chaudhry, K M Fargen, A M Spiotta

830 Thrombectomy in acute ischemic stroke: estimations of increasing demands
A Kuntze Söderqvist, T Anderson, N Ahmed, N Wahlgren, M Kaiser

834 Predictors of false-positive stroke thrombectomy transfers
J Yi, D Zielinski, B Ouyang, J Conners, R Dafer, M Chen

837 The association between carotid intraplaque hemorrhage and outcomes of carotid stenting: a systematic review and meta-analysis
W Broniky, V P Lehman, J Huston, M H Muralidhar, G Lanzino, H J Clift, D P Kallmes

843 Interaction between the stent strut and thrombus characterized by contrast-enhanced high-resolution cone beam CT during deployment of the Solitaire stent retriever
T Tsutono, Y Tsurusaki, S Tokunaga

New devices

849 Canadian Registry of LVIS Jr for Treatment of Intracranial Aneurysms (CaRLA)

854 Endovascular treatment of complex intracranial aneurysms using Acandis Acclino stents
F Brassel, D Grieb, D Meila, M Schlunz-Hendann, B Greling, K Melber

Head and neck

860 Endovascular treatment of head and neck arteriovenous malformations: long-term angiographic and quality of life results
D Meila, D Grieb, B Greling, K Mellier, C Jacobs, M Hechtner, T Schmiz, M Schlunz-Hendann, H Lastmann, F Brassel

Clinical neurology

867 Dural sinus stenting for idiopathic intracranial hypertension: factors associated with hemodynamic failure and management with extended stenting
D A Kampe, J Seinfeld, X Huang, Q Mei, D E Case, C D Roark, P S Subramaniam, K E Lind, V S Pelak, J L Bennett

Basic science

875 Verapamil eluting stents as a possible treatment for vasoospasm after subarachnoid hemorrhage
P Bhambri, A Sarvi, J H Wong, U Sundararaj, A P Mhia

880 Fistulous-type vein of Galen malformation phantom model for endovascular training and research
D Meila, K Mellier, D Grieb, C Jacobs, H Lastmann, F Brassel

Neuroimaging

887 Time-resolved 3D rotational angiography: display of detailed neurovascular anatomy in patients with intracranial vascular malformations
S Lescher, S Gehrisch, S Klein, J Berkfeld

Contents

Volume 9 Issue 9 | JNIS September 2017
Contents

Volume 9  Issue 9  |  JNIS  September 2017

895  Pediatric neurointervention: collimation on radiation exposure-associated lifetime excess tumor risk
K Chen, S Paramasivam, A Berenstein

Spine
899  Sacroplasty procedural extravasation with high viscosity bone cement: comparing the intraoperative long-axis versus short-axis techniques in osteoporotic cadavers
J W Miller, A Diani, S Docsa, K Ashton, M Sciamanna

905  Armband activity monitor data do not correlate with reported pain scores in patients receiving vertebroplasty
J G Peacock, R L Vine, J S McDonald, P J Novotny, D F Kallmes

Letter to the editor
911  Integrated live biplane fluoroscopic and cone-beam CT-guided external ventricular drain placement in the neurointerventional suite
A H Y Chiu, T R Marena, J Spears

Electronic pages

834  Renal cell carcinoma metastasis involving vertebral hemangioma: dual percutaneous treatment by navigational bipolar radiofrequency ablation and high viscosity cement vertebroplasty
J-B Zerlausk, R Maud, V Dunet

835  A case of right middle cerebral artery ‘tendonectomy’ following mitral valve replacement surgery
M C Thomas, J E Delgado Almandoz, A J Todd, M L Young, J L Fease, J M Scholtz, A M Milner, M Mulder, Y Kayan

836  Rete mirabile associated with pial arteriovenous fistula: imaging features with literature review
P K Mondel, R Saraf, U S Limaye