Stroke: Highlights of Selected Articles

Original Contributions

Clinical Sciences

Dietary Cysteine and Other Amino Acids and Stroke Incidence in Women
Susanna C. Larsson, PhD; Niclas Håkansson, PhD; Alicia Wolk, DMSc

Effect of Seasonal and Monthly Variation in Weather and Air Pollution Factors on Stroke Incidence in Seoul, Korea
Myung-Hoon Han, MD; Hyeong-Joong Yi, MD, PhD; Young-So Kim, MD, PhD; Young-Seo Kim, MD, PhD

Atrial Premature Beats Predict Atrial Fibrillation in Cryptogenic Stroke: Results From the EMBRACE Trial
David J. Gladstone, MD, PhD; Paul Dorian, MD; Melanie Spring, MD; Val Panzov, MD; Muhammad Mammadni, PharmD, MPH; Jeff S. Healey, MD; Kevin E. Thorpe, MMath; for the EMBRACE Steering Committee and Investigators

Quantitative Assessment of Changes in Cerebral Arteriovenous Malformation Hemodynamics After Embolization
Ali Alaraj, MD; Sepideh Amin-Hanjani, MD; Sophia F. Shakur, MD; Victor A. Aletich, MD; Alexander Ivanov, MD; Andrew P. Carlson, MD; Gerald Oh, MD; Fady T. Charbel, MD

Natural History and Management of Basilar Trunk Artery Aneurysms
Guillaume Saligou, MD, PhD; Raphael H. Sacho, MD; Sarah Power, MD, PhD; Alex Kostynskyy, MD; Robert A. Willinsky, MD; Michael Tymianski, MD, PhD; Karel G. terBrugge, MD, PhD; Sapna Rawal, MD; Timo Krings, MD, PhD

Blood-Brain Barrier Compromise Does Not Predict Perihematoma Edema Growth in Intracerebral Hemorrhage
Rebecca McCourt, BSc; Bronwen Gould, BSc; Mahesh Kate, MBChB; Negar Asadghi, MD, MSc; Jayne C. Kosior, PhD; Shelagh Coutts, MBChB, MD; Michael D. Hill, MD, MSc; Andrew Dementchuk, MD; Thomas Jeerakathil, MD, MSc; Derek Emery, MD, MSc; Kenneth S. Butcher, MD, PhD

Using Standard First-Pass Perfusion Computed Tomographic Data to Evaluate Collateral Flow in Acute Ischemic Stroke
Hui Chen, MD; Bing Wu, MD, PhD; Nan Liu, MD; Max Winterrnark, MD; Zihua Su, PhD; Ying Li, MD; Jun Hu, MD, PhD; Yongwei Zhang, MD; Weiwei Zhang, MD, PhD; Guangming Zhu, MD, PhD

Occult Anterograde Flow Is an Under-Recognized but Crucial Predictor of Early Recanalization With Intravenous Tissue-Type Plasminogen Activator
Seong Hwan Ahn, MD; Christopher D. d’Esterre, PhD; Enmad M. Qazi, BSc; Mohammed Najm, BSc; Marta Rubiera, MD; Enrico Fainardi, MD; Michael D. Hill, MD; Mayank Goyal, MD; Andrew M. Dementchuk, MD; Ting Y. Lee, PhD; Bijoy K. Menon, MD

Validity of Shape as a Predictive Biomarker of Final Infarct Volume in Acute Ischemic Stroke
Carole Frindel, PhD; Anaïs Rouanet, MSc; Mathilde Giacalone, MSc; Tae-Hee Cho, MD, PhD; Leif Östergaard, MD, PhD; Jens Fiehler, MD, PhD; Salvador Pedraza, MD, PhD; Jean-Claude Baron, MD, PhD; Marlène Wiart, PhD; Yves Berthezène, MD, PhD; Norbert Nighoghossian, MD, PhD; David Rousseau, PhD

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Defining the Ischemic Penumbra Using Magnetic Resonance Oxygen Metabolic Index
Hongyu An, DSc; Andria L. Ford, MD; Yasheng Chen, PhD; Hongtu Zhu, PhD; Rosana Ponisio, MD; Gyanendra Kumar, MD; Amirali Modir Shanechi, MD; Naim Khoury, MD; Katie D. Vo, MD; Jennifer Williams, RN; Colin P. Derdeyn, MD; Michael N. Diringer, MD; Peter Panagos, MD; William J. Powers, MD; Jin-Moo Lee, MD, PhD; Weili Lin, PhD ..................................................... 982

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Hen Hallevi, MD; Ludmila Shopin, MD; Eitan Aurler, MD; Nir Giladi, MD; Anat Mike, MA; Anat Halevy, MA;
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On the cover: The image is taken from an article in this issue, “Natural History and Management of Basilar Trunk Artery Aneurysms” by Saliou et al (Stroke. 2015;46:948–953).

The image is Figure 3.