

TABLE OF CONTENTS

Volume 59, Number 12, December 2018

CRITICAL REVIEW AND INVITED COMMENTARY

2169

Heart rate variability measurement in epilepsy: How can we move from research to clinical practice?

Kenneth A. Myers, Shobi Sivathamboo, and Piero Perucca

doi: 10.1111/epi.14587; Published online: 21 October 2018

FULL-LENGTH ORIGINAL RESEARCH

2179

The epidemiology of drug-resistant epilepsy: A systematic review and meta-analysis

Linda Kalilani, Xuezheng Sun, Barbara Pelgrims, Matthias Noack-Rink, and Vicente Villanueva

doi: 10.1111/epi.14596; Published online: 13 November 2018

2194

Imaging biomarkers of behavioral impairments: A pilot micro-positron emission tomographic study in a rat electrical post-status epilepticus model

R. Maarten van Dijk, Valentina Di Liberto, Matthias Brendel, Ann Marie Waldron, Christina Möller, Franz Josef Gildehaus, Barbara von Ungern-Sternberg, Magdalena Lindner, Sibylle Ziegler, Rainer Hellweg, Peter Gass, Peter Bartenstein, and Heidrun Potschka

doi: 10.1111/epi.14586; Published online: 28 October 2018

2206

Soman-induced status epilepticus, epileptogenesis, and neuropathology in carboxylesterase knockout mice treated with midazolam

Brenda Marrero-Rosado, Marcio de Araujo Furtado, Caroline R. Schultz, Michael Stone, Erica Kundrick, Katie Walker, Sean O'Brien, Fu Du, and Lucille A. Lumley

doi: 10.1111/epi.14582; Published online: 25 October 2018

2219

Corpus callosum low-frequency stimulation suppresses seizures in an acute rat model of focal cortical seizures

Nicholas H. Couturier, and Dominique M. Durand

doi: 10.1111/epi.14595; Published online: 13 November 2018

2231

Surgical and developmental outcomes of corpus callosotomy for West syndrome in patients without MRI lesions

Hiroshi Baba, Keisuke Toda, Tomonori Ono, Ryoko Honda, and Shiro Baba

doi: 10.1111/epi.14594; Published online: 05 November 2018

TABLE OF CONTENTS

Volume 59, Number 12, December 2018

FULL-LENGTH ORIGINAL RESEARCH

2240

Cognitive outcomes following epilepsy in infancy: A longitudinal community-based study

Helen O'Reilly, Christin Eltze, Kate Bennett, Kristien Verhaert, Rebecca Webb, Anna Merrett,

Rod C. Scott, Andrea Whitney, J. Helen Cross, and Michelle de Haan

doi: 10.1111/epi.14589; Published online: 05 November 2018

2249

Interregional metabolic connectivity of 2-deoxy-2[¹⁸F]fluoro-D-glucose positron emission tomography in vagus nerve stimulation for pediatric patients with epilepsy: A retrospective cross-sectional study

Rita Yu, Hae-Jeong Park, Hojin Cho, Ara Ko, Chongwon Pae, Maeng-Keun Oh, Hoon-Chul Kang,

Heung Dong Kim, Eun-Kyung Park, Kyu-Won Shim, Dong Suk Kim, and Joon Soo Lee

doi: 10.1111/epi.14590; Published online: 28 October 2018

2260

Defining the electroclinical phenotype and outcome of PCDH19-related epilepsy: A multicenter study

Marina Trivisano, Nicola Pietrafusa, Alessandra Terracciano, Carla Marini, Davide Mei, Francesca Darra, Patrizia Accorsi, Domenica Battaglia, Lorella Caffi, Maria P. Canevini, Simona Cappelletti,

Elisabetta Cesaroni, Luca de Palma, Paola Costa, Raffaella Cusmai, Lucio Giordano, Annarita Ferrari, Elena Freri, Lucia Fusco, Tiziana Granata, Tommaso Martino, Massimo Mastrangelo, Stefania M. Bova,

Lucio Parmeggiani, Francesca Ragona, Federico Sicca, Pasquale Striano, Luigi M. Specchio, Ilaria Tondo,

Elena Zambrelli, Nelia Zamponi, Caterina Zanusi, Clementina Boniver, Marilena Vecchi, Carlo Avolio,

Bernardo Dalla Bernardina, Enrico Bertini, Renzo Guerrini, Federico Vigevano, and Nicola Specchio

doi: 10.1111/epi.14600; Published online: 19 November 2018

2272

Diagnostic and prognostic value of noninvasive long-term video-electroencephalographic monitoring in epilepsy surgery: A systematic review and meta-analysis from the E-PILEPSY consortium

Teia Kobulashvili, Giorgi Kuchukhidze, Francesco Brigo, Georg Zimmermann, Julia Höfler,

Markus Leitinger, Judith Dobesberger, Gudrun Kalss, Alexandra Rohrer, Caroline Neuray,

Antonia Wakonig, Florian Ernst, Kees P. J. Braun, Brian E. Mutha, Pieter Van Eijsden, Philippe Ryvlin,

J. Helen Cross and Eugen Trinka on behalf of the E-PILEPSY consortium

doi: 10.1111/epi.14598; Published online: 21 November 2018

2284

Subcentimeter epilepsy surgery targets by resting state functional magnetic resonance imaging can improve outcomes in hypothalamic hamartoma

Varina L. Boerwinkle, Stephen T. Foldes, Salvatore J. Torrisi, Hamy Temkit, William D. Gaillard,

John F. Kerrigan, Virendra R. Desai, Jeffrey S. Raskin, Aditya Vedantam, Randa Jarrar, Korwyn Williams,

Sandi Lam, Manish Ranjan, Janna S. Broderson, David Adelson, Angus A. Wilfong, and Daniel J. Curry

doi: 10.1111/epi.14583; Published online: 30 October 2018

TABLE OF CONTENTS

Volume 59, Number 12, December 2018

FULL-LENGTH ORIGINAL RESEARCH

2296

Stereo-electroencephalography-guided radiofrequency thermocoagulation in patients with focal epilepsy: A systematic review and meta-analysis

Pierre Bourdillon, Michel Cucherat, Jean Isnard, Karine Ostrowsky-Coste, Hélène Catenoix, Marc Guénot, and Sylvain Rheims

doi: 10.1111/epi.14584; Published online: 21 October 2018

2305

Diagnostic accuracy of functional magnetic resonance imaging, Wada test, magnetoencephalography, and functional transcranial Doppler sonography for memory and language outcome after epilepsy surgery: A systematic review

Elisabeth Schmid, Aljoscha Thomschewski, Alexandra Taylor, Georg Zimmermann, Margarita Kirschner, Teia Kobulashvili, Francesco Brigo, Matea Rados, Christoph Helmstaedter, Kees Braun and Eugen Trinka on behalf of the E-PILEPSY consortium

doi: 10.1111/epi.14588; Published online: 30 October 2018

2318

Stevens-Johnson syndrome and toxic epidermal necrolysis with antiepileptic drugs: An analysis of the US Food and Drug Administration Adverse Event Reporting System

Eric P. Borrelli, Erica Y. Lee, Andrew M. Descoteaux, Stephen J. Kogut, and Aisling R. Caffrey

doi: 10.1111/epi.14591; Published online: 05 November 2018

2325

Temporal trends and patterns in carbamazepine use, related severe cutaneous adverse reactions, and HLA-B*15:02 screening: A nationwide study

Chih-Wan Lin, Wei-I Huang, Pi-Hui Chao, Wen-Wen Chen, and Fei-Yuan Hsiao

doi: 10.1111/epi.14599; Published online: 26 November 2018

GRAY MATTERS

2340

**Commentary on Nóbrega-Jr et al.
“Mesial temporal lobe epilepsy with
hippocampal sclerosis is infrequently
associated with neuronal antibodies”**

Niels Hansen

2342

Announcements

ERRATUM

2344

Erratum

doi: 10.1111/epi.14616