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doi: 10.1111/epi.14068; Published online: 10 April 2018

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doi: 10.1111/epi.14077; Published online: 16 April 2018

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doi: 10.1111/epi.14057; Published online: 30 March 2018

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doi: 10.1111/epi.14059; Published online: 17 April 2018

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doi: 10.1111/epi.14064; Published online: 10 April 2018

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doi: 10.1111/epi.14078; Published online: 17 April 2018

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doi: 10.1111/epi.14071; Published online: 17 April 2018

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doi: 10.1111/epi.14058; Published online: 02 April 2018

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doi: 10.1111/epi.14073; Published online: 16 April 2018

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Amanda S. Lindy, Mary Beth Stosser, Elizabeth Butler, Courtney Downtain-Pickersgill, Anita Shanmugham, Kyle Retterer, Tracy Brandt, Gabriele Richard, and Dianalee A. McKnight

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Commentary: The genetic architecture of the epilepsies, as told by 8500 gene panels

Ingo Helbig

doi: 10.1111/epi.14075; Published online: 20 April 2018

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Olafur Sveinsson, Tomas Andersson, Sofia Carlsson, and Torbjörn Tomson

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BRIEF COMMUNICATIONS

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Increased cerebral blood flow on arterial spin labeling magnetic resonance imaging can localize to seizure focus in newborns: A report of 3 cases

Patrick Mabray, Rapeepat Thewamit, Matthew T. Whitehead, Amy Kao, Joseph Scafidi,

William D. Gaillard, Taeun Chang, and Tammy N. Tsuchida

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Arterial spin labeling (ASL) magnetic resonance imaging (MRI) can assess cerebral blood flow (CBF) without using radiolabeled tracers. It is unknown whether regional increases in CBF on ASL MRI correlates with seizure location in newborns. We report three newborns with focal seizures localized on ictal continuous video EEG, structural brain MR imaging, and MRI ASL images.

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Outcome prediction in patients with acute repetitive seizures: Application of the Status Epilepticus Severity Score

Sebastian Szklener, Magdalena Godek, Agnieszka Korchut, Luiza Balicka-Adamik, Robert Rejdak,

Andrea O. Rossetti, and Konrad Rejdak

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Acute repetitive seizures (ARS) pose a risk of hospital admission, with status epilepticus and mortality, which underscores the need for earlier prediction of a clinical course. Therefore, the aim of this study was to assess the prognostic value of the Status Epilepticus Severity Score (STESS) in the population of patients with ARS. The study shows excellent effectiveness of the STESS in the prognosis of the clinical course in patients with ARS. STESS may be a valuable tool for the proper planning of diagnostic and therapeutic activities in this population.

e73

Different as night and day: Patterns of isolated seizures, clusters, and status epilepticus

Daniel M. Goldenholz, Kshitiz Rakesh, Kush Kapur, Marina Gaínza-Lein, Ryan Hodgeman, Robert Moss,

William H. Theodore, and Tobias Loddenkemper

doi: 10.1111/epi.14076; Published online: 23 April 2018

Using approximations based on presumed US time zones, we characterized day and nighttime seizure patterns in a patient-reported database, SeizureTracker.com. 632,995 seizures (9698 patients) were classified into categories: isolated seizure event (ISE); cluster without status (CWOS); cluster including status (CIS); and status epilepticus (SE). We used a multinomial mixed-effects logistic regression model to calculate odds ratios (OR) to determine night/day ratios for difference between seizure patterns. With the exception of SE in children, more severe patterns favor daytime. This suggests distinct day/night preferences for different seizure patterns in children and adults.

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Response: The risk of Stevens-Johnson syndrome and toxic epidermal necrolysis in new users of antiepileptic drugs: Comment on data sparsity

Noel Frey, Michael Bodmer, Andreas Bircher, Stephan Rüegg, Susan S. Jick, Christoph R. Meier, and Julia Spoendlin

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Prabha Siddarth

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Dorothee Kasteleijn-Nolst Trenité, Mario Mastrangelo, Alberto Spalice, and Pasquale Parisi

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