

# Poor Seizure Control Among Children Attending a Tertiary 8 Hospital in South Western Uganda – A Retrospective Study [Response to Letter]

Jane Namusisi <sup>1</sup>, Mark Kaddumukasa <sup>2</sup>, Martha Sajatovic<sup>3</sup>, Peter Kalubi <sup>1</sup>

<sup>1</sup>Department of Pediatrics and Child Health, Mbarara University of Science and Technology (MUST), Mbarara, Uganda; <sup>2</sup>Department of Medicine, College of Health Sciences, Makerere University, Kampala, Uganda; <sup>3</sup>Neurological and Behavioral Outcomes Center, University Hospital Case Medical Center, Case Western Reserve University, Cleveland, OH, USA

Correspondence: Mark Kaddumukasa, Email [kaddumark@yahoo.co.uk](mailto:kaddumark@yahoo.co.uk)

## Dear editor

The authors thank Selvi A. Mangundap for the keen interest in our study. The author notes that data obtained using medical records, it is difficult for researchers to determine matters related to the seizure onset, nature, and duration of the seizure when the patient comes to the hospital. Diagnosing epilepsy is difficult, particularly in LMICs like Uganda with few neurologists or other health-care professionals have the necessary expertise and time to acquire the detailed history needed for ILAE classification of epilepsies.<sup>1</sup> Reliable and robust technologies facilitating a diagnosis would therefore be helpful. The study set out to determine the seizure control and factors associated with poor seizure control among children with confirmed epilepsy who had been attending the paediatrics epilepsy clinic at MRRH for at least 6 months. All the children attending the epilepsy clinic are reviewed by a pediatric neurologist and diagnoses various comorbidities associated with the seizures.<sup>2</sup>

The high prevalence of poor seizure control in this study could be due to the fact that the participants were largely from rural areas and could be having challenges in accessing ASMs and medical services. Over 40% of the children had associated comorbidities that can make seizure control challenging. With the limited investigative capacity diagnosing refractory types of epilepsies with neuroimaging remains a challenge. The study team will look at the number of antiepileptic drugs (AED), electroencephalogram (EEG) data and seizure free time from the clinic to further explore seizure control<sup>3</sup> Given the suggestions, the hope is that we may provide more information in the future regarding the detailed individual phenotypes to assist in the interdisciplinary treatment and prognosis of patients who have complicated neurodevelopmental disorders.

## Disclosure

Dr Mark Kaddumukasa reports grants from National Institute of Neurological Disorders and Stroke and Fogarty International Center of the National Institute of Health under award number R01NS118544 and D43NS118560 outside the submitted work. Dr Martha Sajatovic reports grants from Otsuka, International Society for Bipolar Disorders (ISBD), National Institutes of Health (NIH), Centers for Disease Control and Prevention (CDC), Patient-Centered Outcomes Research Institute (PCORI), personal fees from Alkermes, Otsuka, Sunovion, Janssen, Lundbeck, Teva, Clinical Education Alliance, Health Analytics, Publication Royalties from Springer Press, Johns Hopkins University Press, Oxford Press, UpToDate, compensation for preparation of/participation in Continuing Medical Education (CME) activities from American Physician's Institute (CMEtoGo), Psychopharmacology Institute, American Epilepsy Society, American Society of Clinical Psychopharmacology, American Academy of Child and Adolescent Psychiatry, Neurocrine, outside the submitted work. The authors report no other conflicts of interest in this communication.

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