



CHILD NEUROLOGY SOCIETY

WEBINAR



Treat the Child, Not the EEG? The Impact of Spikes on Brain Connectivity in Children with Self-Limited Epilepsy with Centrottemporal Spikes

Tuesday, September 12, 2023
6:00 pm CST

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Children with Self-Limited Epilepsy with Centrottemporal Spikes have seizures and spikes that come from the *sensorimotor* cortices and yet are known to develop difficulties with *language*. Dr. Baumer will discuss research regarding how spikes modify brain function and connectivity. She will describe her work trying to modify spike frequency and brain connectivity non-invasively with transcranial magnetic stimulation.

Organizer

CNS Research Committee

Speaker

Fiona Baumer, MD MS
Stanford University School of Medicine
Department of Neurology & Neurological Sciences,



Division of Child Neurology

Fiona Baumer, MD is an Assistant Professor of Neurology at Stanford University School of Medicine. She completed her child neurology training at Boston Children's Hospital and her epilepsy fellowship at Stanford School of Medicine, where she is an attending physician and conducts research on the impact of interictal epileptiform discharges on cognition. Her research focuses on using transcranial magnetic stimulation to measure and modulate brain connectivity in children with Self-Limited Epilepsy with Centrotemporal Spikes. She additionally has been an active participant in the Pediatric Epilepsy Research Consortium and member of a consortium of pediatric TMS-mapping sites to improve TMS-language mapping for neurosurgical patients.

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NOTE: CNS live-streamed webinars will be posted on the CNS website ("Craft" section) within two weeks following original presentation.

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