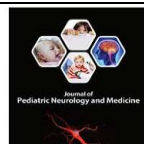


Case report: Premature infant with concomitant infantile spasms and complex partial seizures

Dr.Miranda Crease

Virginia Tech Carilion School of Medicine, VA 24016, USA



Abstract:

An infantile spasm (IS) is a subset of epileptic syndromes that occur almost exclusively between 3 months and 1 year of age. Children with IS present with clusters of sudden, symmetric spasms. Due to the large number of associated conditions and syndromes that are known to present with IS, a unique, causal mechanism at the core of IS remains elusive. Current first-line therapies include ACTH, corticosteroids, and vigabatrin; however, the inconsistent and unpredictable efficacy of treatment warrants a closer look into novel approaches in research that seek to better understand the diverse ways in which IS can develop. In this report, we investigate the medical course of a 9-month-old female who was born at 34-weeks gestation with known prenatal brain insult who presents with concomitant complex partial seizures and infantile spasms.



Publication:

Biography:

Miranda Creasey is a 25-year-old M.D. candidate at Virginia Tech Carilion School of Medicine. She is currently in her third year of medical school and is working to pursue a career in Pediatric Neurology. She works in Dr. Michelle Theus's neuroscience-based Regenerative Medicine lab at Virginia Tech, and her current research project revolves around the interplay between gut microbiome dysbiosis and microglial development. She has recently published 2 papers with the Theus lab and remains eager to continue contributing to the field of neuroscience and pediatric neurology.

1. "Mid-2016 Population Estimates for Settlements and Localities in Scotland". Nationalrecordsofscotland.gov.uk. 31 May 2013. Archived from the original on 23 March 2019. Retrieved 4 March 2019.
2. Jump up to "City of Edinburgh Council Area Profile". . Retrieved 31 August 2020.
3. 22 February 2020. Archived from the original on 1 March 2020. Retrieved 1 March 2020.

[4th World Congress on Pediatric Neurology & Pediatric Surgery](#)

Abstract Citation: [Dr.Miranda Crease is a 25-year-old M.D. candidate at Virginia Tech Carilion School of Medicine,](#)