



Investigator: Christine Fox, MD **Grant Award Year:** 2015

Amount of PERF™ Grant: \$399,697

Investigator Institution: UCSF Weill Institute for Neurosciences

Project Title: Seizures in Pediatric Stroke II (SIPS II)

Project Description: SIPS II will be conducted as an extended prospective cohort study of seizures after ischemic stroke in neonates and children. SIPS II is a sub-study of the International Pediatric Stroke Study (IPSS), using its well-established organization and infrastructure.

Project Goals/Objectives: Three aims of the project: 1) provide more accurate information for children and their families about the likelihood of seizure or epilepsy in the five years after stroke; 2) early prognostic biomarkers of epilepsy after stroke, which will help clinicians decide the best treatment options; 3) critical evidence to help answer whether acute seizures after stroke harm the brain in a way that ultimately causes a child to develop epilepsy. The evidence is needed to decide whether a research trial of early anti-convulsant medications after pediatric stroke is justified. We hope that the results will ultimately lead to discovering better strategies to treat pediatric stroke and reduce the risk of childhood epilepsy in stroke survivors.

Outcome of Research: information not available

Subsequent Funding ☒ None to report.

Subsequent Publications ☐ None to report.

Mineyko A, Kirton A, Billigurst L, deVeber G, Fox C on behalf of the SIPS Investigators; Seizures and Outcome One Year After Neonatal and Childhood Cerebral Sinovenous Thrombosis; Pediatric Neurology, 2020 Apr; 105:21-26.
DOI:<https://doi.org/10.1016/j.pediatrneurol.2019.08.012>

Subsequent Presentations ☐ None to report.

“Anticonvulsant Medication Practice Varies After Pediatric Arterial Ischemic Stroke”
American Heart Association, International Stroke Conference, Los Angeles, CA 2018.