

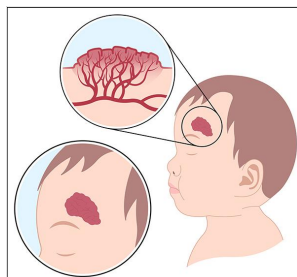
Child Neurology Society Education Center

# Advances in Pediatric Neurology Seminar Series

A CME Accredited Seminar Series



Discover new insights and elevate your skills this month with our dynamic lineup of seminars!



## Latest Sturge-Weber Syndrome Research Neurologists Should Know

**Tuesday, May 20, 2025**

3:00 pm CST • Seminar is live & recorded

*Available for purchase • Earn 1.25 CME credits (live only)*

### Seminar Description

Sturge-Weber syndrome (SWS) is a rare, genetic (somatic) neurovascular disorder resulting in early seizures and neurologic impairments. This year, we published a seminal retrospective study from our centers showing that presymptomatic treatment can prevent early seizures and may improve neurologic outcome. Future prospective presymptomatic drug trials need more infants diagnosed prior to the onset of seizures. SWS is a developmental disorder, and depending on disease stage, different mechanisms may play important role. Research efforts have targeted early presymptomatic changes in neuroimaging of infants with SWS to identify an optimal window for intervention and suggest new treatment strategies. We will review the diagnostic pitfalls in initial stages of the disease and the critical importance of early neurologic evaluation. Clinical data, EEG and neuroradiology currently assess infants with SWS brain involvement. However, optimal clinical care requires a better prediction of risk for early seizures. More sophisticated, unbiased analysis of brain MRI offers the potential for more accurate risk stratification. We are developing AI algorithms that better predict age of seizure onset and will discuss results of ongoing AI analysis from 92 infants with SWS brain involvement. Compelling new data supports presymptomatic treatment of infants prior to seizure onset. In

addition, prospective Phase I/II trials targeted neurologic impairments. These trials suggest novel treatment approaches that will benefit from biomarkers, outcome measures, and clinical trial readiness work of current and recently completed research. We will discuss these data and implications for clinical care.

### Speakers

Anne Comi, MD  
Anna Lecticia R. Pinto, MD, PhD  
Yangming Ou, PhD

[Register Now](#)



## Enhancing Social Determinants of Health Screening and Counseling

**Wednesday, May 28, 2025**

6:00 pm CST • Seminar is live & recorded

*Available for purchase • Earn 1.25 CME credits (live only)*

### Seminar Description

This seminar will review how various social determinants of health can affect neurologic outcomes. We will then proceed to specific strategies for effective screening and discuss bridging from screening to support to promote best health outcomes.

### Speakers

Shannon DiCarlo, MD, FAAN, FAAP  
Madeline Chadehumbe, MD, FAAN  
Mikael Guzman Karlsson, MD, PhD

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## Learn more on our Education Center.

Seminars will be posted on the Education Center as OnDemand within two weeks following the original presentation. OnDemand is offered non-CME

### Child Neurology Society

The professional home of child neurologists from the U.S., Canada, and around the world



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