

UAPPC & El Rio Health Collaborative Series  
**APRIL 6, 2023 | 5:30 - 6:30P**

# UNDERSTANDING PANS/PANDAS

**SYMPTOMS, DIAGNOSIS & TREATMENT**



STEELE CHILDREN'S RESEARCH CENTER  
Children's Postinfectious  
Autoimmune  
Encephalopathy Center

Virtual CME Lecture

An estimated 1 in 200 children may have PANS/PANDAS but diagnosis and treatment is often missed or delayed. This workshop is designed to help clinicians learn how to recognize PANS/PANDAS symptoms, do a workup to inform a possible diagnosis, and create a treatment plan.

PANS and PANDAS are infection-induced autoimmune conditions that disrupt a patient's normal neurologic functioning, resulting in a sudden onset of Obsessive-Compulsive Disorder (OCD) and/or motor tics. **PANS/PANDAS are severe but highly treatable** postinfectious inflammatory brain conditions that can include a variety of other symptoms such as anxiety, irritability, hyperactivity, sleep disturbances, mood swings, eating disorders, and urinary problems.

Because PANS/PANDAS often mimic various mental illnesses and behavioral disorders, including OCD, Tourette's syndrome, ADHD and ASD, it can be challenging to diagnose. Identifying PANS/PANDAS is important, as studies indicate that with proper anti-infective and/or immunomodulatory treatment, symptoms can resolve or be dramatically reduced. **This lecture will provide learners with a practical approach to the recognition and management of PANS/PANDAS.**

## PRESENTED BY MICHAEL O. DAINES, MD

Division Chief  
Associate Professor  
Pediatric Allergy &  
Immunology  
Associate Director, Pediatric  
Pulmonary Fellowship  
University of Arizona College of Medicine Pediatrics



Dr. Daines is one of the principal investigators for the Arizona partner site in the NIMH PANS/PANDAS national collaboration. He has extensive clinical experience in diagnosing and managing immune deficiency and dysregulation, including the prophylactic use of antibiotics, immune suppressive drugs, replacement and immunomodulatory IVIG, and stem cell transplant.

### ACCREDITATION:

The Southern Arizona AHEC at El Rio Health designates this live activity for a maximum of 1.0 AMA PRA Category 1 Credit(s)<sup>TM</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.