

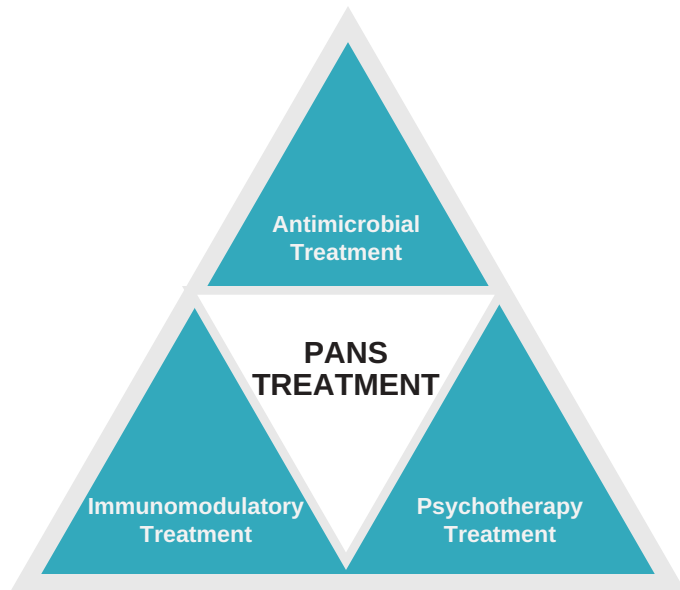


# OVERVIEW OF PANS TREATMENT GUIDELINES

Pediatric Acute-onset Neuropsychiatric Syndrome

## PANS Treatment Depends on Three Complementary Modes of Intervention

Overview of Treatment of PANS - JCAP Vol27, #7, 2017 DOI:  
10.1089/cap.2017.0042- Swedo, MD, Frankovich, MD, MS, Murphy, MD, MS



**PANS is a clinical disorder defined by abrupt onset of obsessive-compulsive symptoms and/or severe eating restrictions and at least two concurrent cognitive, neurological, or behavioral symptoms. PANS criteria describe a range of neuropsychiatric conditions. It is thought to have several disease mechanisms and etiologies.**

**"Treatment of PANS involves a three-pronged approach that utilizes psychiatric medications when appropriate to provide symptomatic relief, antibiotics to eliminate the source of neuroinflammation, and anti-inflammatory and immune modulating therapies to treat disturbances of the immune system. The specific elements chosen for a child's treatment regimen are influenced by results of the physical examination and laboratory testing, as well as by the course and severity of PANS symptomatology."**



**Psycho-Therapeutic**  
Treating symptoms with psychoactive medications, psychotherapies, and supportive interventions.



**Anti-Microbial**  
Removing source of inflammation with antimicrobial interventions.



**Immunomodulation**  
Treating disturbances of the immune system with immunomodulatory and/or anti-inflammatory therapies.