Clinical Essentials on Pediatric Psychopharmacology: Strategies for Treatment-Refactory Conditions

Course overview: Course Design: 3 modules with 6 hours and 18 minutes of video tailored to the course learning objectives, with each module followed by a post-test (27 questions total). The materials for this course were reviewed and selected from previous AACAP meetings by AACAP’s Clinical Essentials Committee and AACAP’s Psychopharmacology and Neurotherapeutics Committee in February 2024.

Learning Objectives: At the conclusion of this continuing medical educational activity, the participant will be able to:

1. Summarize the current pediatric psychopharmacological evidence for managing both treatment-naïve and treatment-refractory neurodevelopmental and related disorders, mood disorders, as well as secondary aggression and irritability.
2. Provide a framework for formulating which target symptoms may be responsive to pharmacological interventions.
3. Discuss limitations of the evidence and review strategies for optimizing treatment outcomes when first-line treatments fail.
4. Explain the potential side effects of medications used to treat these conditions and how to manage the side effects effectively.

Module 1

Lectures and Speakers
Tonic and Phasic Irritability: Where Did They Come From and How Do We Manage Them?
*Gabrielle A. Carlson, MD; AACAP’s 2024 Pediatric Psychopharmacology Update Institute*

Psychopharmacologic Approaches in Autism
*Jean A. Frazier, MD; AACAP’s 2023 Pediatric Psychopharmacology Update Institute*

Autism Spectrum Disorder: Evidence-based Treatments and What to Do Next
*Robyn Thom, MD; AACAP’s 2024 Pediatric Psychopharmacology Update Institute*
Module 2

Lectures and Speakers
Managing ADHD After an Inadequate Response to Initial Medication Treatment
*Ann Childress, MD; AACAP’s 2024 Pediatric Psychopharmacology Update Institute*

Managing Side Effects in Medications Used for ADHD
*Timothy E. Wilens, MD; AACAP’s 70th Annual Meeting*

Aggression as a Transdiagnostic Symptom: Oppositional Defiant Disorder, Intermittent Explosive Disorder, and Aggression Unspecified
*James J. McGough, MD, MS; AACAP’s 2023 Pediatric Psychopharmacology Update Institute*

Ticked Off!! Explosive Outbursts in Tics/Tourette’s Disorder
*Barbara J. Coffey, MD, MS; AACAP’s 2023 Pediatric Psychopharmacology Update Institute*

Module 3

Treatment Resistant Depression Pharmacological Management
*Boris Birmaher, MD; AACAP’s 2024 Pediatric Psychopharmacology Update Institute*

Stabilizing Youth Through Mania, Depression, and Everything in Between
*Manpreet K. Singh, MD, MS; AACAP’s 70th Annual Meeting*