

Pint Size Pharmacotherapy: Principles of Psychotropic Use in Pediatrics

Video Conference – February 24, 2021

1:00 to 3:00 PM

Presenter Bio

Hannah Goulding, PharmD

Clinical Pharmacist

UPMC Western Psychiatric Hospital

Pittsburgh, PA

Post graduate year 1 – clinical pharmacist on the Center for Autism and Development Disabilities

Hannah Goulding completed her Bachelor of Science in Pharmaceutical Sciences and Doctor of Pharmacy from the University of North Carolina Chapel Hill. She completed her PGY1 pharmacy residency at UPMC Western Psychiatric Hospital and currently works on the Center for Autism and Developmental Disabilities unit and outpatient consulting for the psychiatry residents' child and adolescent clinics.

Andreea Temelie, PharmD temelli

PGY2 Psychiatric Pharmacy Resident

UPMC Western Psychiatric Hospital

Pittsburgh, PA

Post graduate year 2 -psychiatric pharmacy resident

Andreea Temelie completed her Bachelor of Science in psychology from the University of Michigan and a Doctor of Pharmacy with a leadership emphasis and interprofessional mental health focus from the University of Minnesota. She completed her PGY1 pharmacy residency at UPMC Western Psychiatric Hospital. Her professional interests include child/adolescent psychiatry, psychosis, mood disorders, transitions of care, and underserved care.

Name and Narrative Description of your Presentation

Pint Size Pharmacotherapy: Principles of Psychotropic Use in Pediatrics (Introductory)

This presentation will provide an overview of childhood onset mental health conditions and an introductory review of current treatment approaches including both FDA-approved and off-label use of pharmacotherapy. We will also review complementary and alternative medicines that may be used in this patient population. The conditions that will be covered throughout this presentation include attention deficit hyperactive disorder, anxiety, depression, early onset schizophrenia, bipolar disorder, autism spectrum disorder, conduct disorder, oppositional defiant disorder, reactive attachment disorder, disinhibited social engagement disorder, and disruptive mood dysregulation disorder.

Please contact Doreen Barkowitz at barkowitzdh@upmc.edu for additional information regarding this speaker and/or presentation.

Three (3) learning objectives

By the completion of this session, participants should be able to:

1. Identify principles of pediatric pharmacotherapy for common mental health disorders
2. Discuss FDA approved psychotropic medications in pediatrics and how this applies to clinical practice
3. Recognize the different complementary and alternative medicines appropriate for psychiatric use

Three (3) current (within the past 10 years) peer-reviewed publications that support the evidence base for the content of your presentation

1. Subcommittee on children and adolescents with attention-deficit/hyperactive disorder. (2019) ADHD: Clinical Practice Guideline for the Diagnosis, Evaluation, and Treatment of Attention-Deficit/Hyperactivity Disorder in Children and Adolescents. *Pediatrics*. 144 (4), e21092528
2. Accordino, R.E., Kidd C., Politte L.C., et al. (2016) Psychopharmacological interventions in autism spectrum disorder. *Expert Opinion on Pharmacotherapy*. 17(7),937-952.
3. Ravindran, A. V., Balneaves, L. G., Faulkner, G., et al. CANMAT Depression Work Group (2016). Canadian Network for Mood and Anxiety Treatments (CANMAT) 2016 Clinical Guidelines for the Management of Adults with Major Depressive Disorder: Section 5. Complementary and Alternative Medicine Treatments. *Can J Psychiatry*. 61(9), 576–587.