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Abstract

Attention-deficit/hyperactivity disorder (ADHD) is a neurodevelopmental condition that affects children, adolescents, and adults worldwide. The purpose of this review was to inform pharmacists of the numerous options to treat ADHD, with a focus on one of the more recently approved formulations, methylphenidate extended-release oral suspension (MEROS). Symptoms of ADHD can negatively impact an individual's health and quality of life and impair function in multiple settings. Psychostimulants such as methylphenidate- and amphetamine-based agents are first-line pharmacologic treatments for ADHD. However, there are multiple formulations, including immediate release (administered two to three times/day), solid extended release (ER), or transdermal patch. MEROS is a once daily, long-acting liquid preparation that has demonstrated favorable safety and efficacy in patients with ADHD. MEROS may improve treatment adherence in patients who cannot tolerate or have difficulties administering pill or transdermal patch formulations.