

Long-Acting Stimulant Medications for Treatment of ADHD

Revised: September 1, 2023

	Methylphenidate-Based Medications	Amphetamine-Based Medications
Liquids	<ul style="list-style-type: none"> ◆ Quillivant[®] XR (Brand only; Methylphenidate HCl ER oral suspension) ◆ Azstarys[®] (Brand only; Serdexmethylphenidate and dexamethylphenidate oral capsules) 	<ul style="list-style-type: none"> ◆ Dyanavel[®] XR (Brand only; Amphetamine ER oral suspension) ◆ Adzenys[®] ER (Brand only; Amphetamine ER oral suspension) ◆ Vyvanse[®] (Brand only; Generic: Lisdexamfetamine dimesylate capsules)
	<p>Advantages: easy to swallow, easy to make small dose adjustments - especially when first starting treatment ^{0-L}, different flavors</p> <p>Disadvantages: some patients may not like the flavor</p>	
Chewable Tablets	<ul style="list-style-type: none"> ◆ QuilliChew[®] ER (Brand only; Methylphenidate HCl ER chewable tablets) 	<ul style="list-style-type: none"> ◆ Dyanavel[®] XR (Brand only; Amphetamine ER chewable tablets) ◆ Vyvanse[®] (Brand only; Generic: Lisdexamfetamine dimesylate chewable tablets)
	<p>Advantages: different flavors</p> <p>Disadvantages: some patients may not like the flavor</p>	
Oral Disintegrating Tablets	<ul style="list-style-type: none"> ◆ Cotempla[®] XR--ODT (Brand only; Methylphenidate ER orally disintegrating tablet) 	<ul style="list-style-type: none"> ◆ Adzenys[®] XR-ODT (Brand only; Amphetamine ER orally disintegrating tablet)
	<p>Advantages: dissolves quickly, no liquid is needed to take the tablet, does not need to be swallowed whole</p> <p>Disadvantages: some patients may not want to place medicine under their tongue</p>	
Sprinkles	<ul style="list-style-type: none"> ◆ Focalin[®] XR (Generic: Dexamethylphenidate HCl ER oral capsules) ◆ Metadate[®] CD (Generic: Methylphenidate HCl ER (CD) oral capsules) ◆ Ritalin[®] LA (Generic: Methylphenidate HCl ER (LA) oral capsules) ◆ Aptensio[®] XR (Generic: Methylphenidate HCl ER (XR) oral capsules) ◆ Jornay[®] PM (Brand only; Methylphenidate HCl ER oral capsules) ◆ Azstarys[®] (Brand only; Serdexmethylphenidate and dexamethylphenidate oral capsules) 	<ul style="list-style-type: none"> ◆ Adderall[®] XR (Generic: Amphetamine-Dextroamphetamine capsules, or mixed amphetamine salts capsules) ◆ Vyvanse[®] (Brand only; Generic: Lisdexamfetamine dimesylate capsules, or chewable tablets^{0-L}) ◆ Dexedrine[®] Spansule^{0-L} (Generic: Dextroamphetamine sulfate ER oral capsules) ◆ Mydayis[®] (Brand only; mixed salts of a single-entity amphetamine ER capsules)
	<p>Advantages: capsules can be opened and the medication "sprinkled" on food</p> <p>Disadvantages: some patients may have oral texture sensitivity to the small beads (Note: Azstarys and Vyvanse capsules contain powder, not beads)</p>	
Transdermal Patches	<ul style="list-style-type: none"> ◆ Daytrana[®] (Generic: Methylphenidate transdermal system) 	<ul style="list-style-type: none"> ◆ Xelstrym[™] (Brand only; Dextroamphetamine transdermal system)
	<p>Advantages: applied directly to skin, patch can be cut to optimize dose (off label); patch can be kept on beyond 9 hours (off label)</p> <p>Disadvantages: takes longer to start working; a mild or moderate temporary rash is not uncommon</p>	
Crushables	<ul style="list-style-type: none"> ◆ QuilliChew[®] ER (Brand only; Methylphenidate HCl ER chewable tablets) 	<ul style="list-style-type: none"> ◆ Dyanavel[®] XR (tablets) (Brand only; Dextroamphetamine transdermal system) ◆ Vyvanse[®] (Brand only; Generic: Lisdexamfetamine dimesylate chewable tablets)
	<p>Advantages: helpful for patients who cannot easily swallow pills; if the tablets are crushed, the medication may be "hidden" within food</p> <p>Disadvantages: not flavored; possibly bitter if not "hidden" within food</p>	
Non-Chewable Tablets	<ul style="list-style-type: none"> ◆ Concerta[®] (Generic; Methylphenidate HCl ER (OSM) tablets) 	-----
	<p>Advantages: -----</p> <p>Disadvantages: must be swallowed whole</p>	