

# ADHD Medication Guide\*

Revised: November 1, 2019

## Methylphenidate Derivatives – Long Acting/Immediate and Extended Release\*\*

(Capsules and tablets in this section are shown at actual size)

Cotempla XR-ODT <sup>®</sup> J <sup>†</sup> (grape flavor)	6-17 Yrs: 8.6–51.8mg; SD: 17.3mg	8.6mg		17.3mg		25.9mg		34.6mg		51.8mg							
Aptensio <sup>®</sup> XR <sup>‡</sup>	6 Yrs–Adult: 10–60mg; SD: 10mg	10mg		15mg		20mg		30mg		40mg		50mg		60mg			
Concerta <sup>®</sup> †	6-12 Yrs: 18-54mg; SD: 18mg 13-17 Yrs: 18-72mg; SD: 18mg ≥18 Yrs: 18-72mg; SD: 18mg or 36mg	18mg		27mg		36mg		54mg		72mg		Methylphenidate ER 72mg (bioequivalent to 2 x 36 mg Concerta tablets)					
Quillivant XR <sup>®</sup> 25mg/5mL (5mg/mL) (banana flavor)	6 Yrs–Adult: 20–60mg; SD: 20mg	10mg 2mL		20mg 4mL		30mg 6mL		40mg 8mL		50mg 10mL		60mg 12mL		900mg 180mL			
Quillichew ER <sup>®</sup> § (cherry flavor)	6 Yrs–Adult: 20–60mg; SD: 20mg			20mg		30mg		40mg									
Focalin <sup>®</sup> XR <sup>‡</sup> (dexmethylphenidate)	6-17 Yrs: 5–30mg; SD: 5mg 18 Yrs–Adult: 5–30mg; SD: 5mg	5mg		10mg		15mg		20mg		25mg		30mg		35mg		40mg	
Ritalin <sup>®</sup> LA <sup>‡</sup>	6-12 Yrs: 10–60mg; SD: 20mg	10mg		20mg		30mg		40mg				60mg					
Adhansia XR <sup>®</sup>	6-17 Yrs: 25–70mg; SD: 25mg Adults: 25–85mg; SD: 25mg			25mg		35mg		45mg		55mg		70mg		85mg			
Metadate <sup>®</sup> CD <sup>‡</sup>	6-17 Yrs: 10–60mg; SD: 20mg	10mg		20mg		30mg		40mg		50mg		60mg					
Metadate <sup>®</sup> ER <sup>†</sup>	6 Yrs–Adult: 20–60mg; SD: 20mg	10mg		20mg													

**Daytrana<sup>®</sup>**  
6-17 Yrs: 10–30mg; SD: 10mg  
(Patches are shown at 90% of actual size. The color border around each patch reflects the color of the packaging, not the patch itself.)

## Methylphenidate Derivatives – Long Acting/Delayed Release and Extended Release\*\*

(Medications in this section are shown at actual size)

Jornay PM <sup>™</sup> ‡	6 Yrs–Adults: 20–100mg (dosed in the evening); SD: 20mg	20mg		40mg		60mg		80mg		100mg	
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## Methylphenidate Derivatives – Short Acting/Immediate Release\*\*

(Medications in this section are shown at actual size)

Focalin <sup>®</sup> (dexmethylphenidate)	6–17 Yrs: Daily: 5–20mg, divided BID; SD: 2.5mg BID	2.5mg		5mg		10mg	
Ritalin <sup>®</sup>	6–12 Yrs: Daily: 10–60mg; divided BID or TID; SD: 5mg BID Adults: Daily: 10–60mg, divided BID or TID	5mg		10mg		20mg	
Methylphenidate Chewable <sup>§</sup> (grape flavor)	6–12 Yrs: Daily: 10–60mg; divided BID or TID; SD: 5mg BID Adults: Daily: 10–60mg, divided BID or TID	2.5mg		5mg		10mg	
Methylin <sup>®</sup> Solution (grape flavor)	6–12 Yrs: Daily: 10–60mg; divided BID or TID; SD: 5mg BID Adults: Daily: 10–60mg, divided BID or TID	5mg/ 5mL		10mg/ 5mL			

**G** indicates a generic formulation is also available; generic products are not shown **G** indicates a generic (but NOT a branded) formulation is available

### Administration Key:

- J<sup>†</sup> Orally disintegrating tablet
- † Must be swallowed whole
- § Chewable
- ¥ Can be mixed with yogurt, orange juice, or water
- ‡ Can open capsule and sprinkle medication on apple sauce
- Can open capsule and mix with applesauce or yogurt

\*Disclaimer: The ADHD Medication Guide was created by Dr. Andrew Adesman of Northwell Health, Inc. Northwell Health is not affiliated with the owner nor is an owner of any of the medications or brands referenced in this Guide. No endorsement or affiliation exists between Northwell Health and the owner of the medications or brands.

The ADHD Medication Guide is a visual aid for professionals caring for individuals with ADHD. The Guide includes only medications indicated by the FDA for the treatment of ADHD. In clinical practice, this guide may be used to assist patients in identifying medications previously tried, and may allow clinicians to identify ADHD medication options for the future. Medications have been arranged on the card for ease of display and visual comparison, but dosing comparability cannot be assumed. Practitioners should refer to the FDA-approved product information to learn more about each medication. Although every effort has been made to depict the size and color of each medication, we cannot guarantee that there are not minor distortions in the final image.

This Guide should not be used as an exclusive basis for decision-making. The user understands and accepts that if Northwell Health were to accept the risk of harm to the user from use of this Guide, it would not be able to make the Guide available because the cost to cover the risk of harm to all users would be too great. Thus, use of this ADHD Medication Guide is strictly voluntary and at the user's sole risk.

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Amphetamine Derivatives – Long Acting/Extended Release** (Medications in this section are shown at actual size)																	
Adzenys XR-ODT® <sup>†</sup> (d- & l-amphetamine) (orange flavor)	6–12 Yrs: 3.1–18.8mg; SD: 6.3mg 12–17 Yrs: 3.1–12.5mg; SD: 6.3mg Adults: 12.5mg		3.1mg		6.3mg		9.4mg		12.5mg		15.7mg		18.8mg				
Adzenys ER® (d- & l-amphetamine) 1.25mg/mL (orange flavor)	6–12 Yrs: 6.3–18.8mg; SD: 6.3mg 12–17 Yrs: 6.3–12.5mg; SD: 6.3mg Adults: 12.5mg		3.1mg 2.5mL		6.3mg 5mL		9.4mg 7.5mL		12.5mg 10mL		15.7mg 12.5mL		18.8mg 15mL				
Adderall XR® <sup>‡</sup> (mixed amphetamine salts)	6–17 Yrs: 5–30mg; SD: 10mg Adults: 5-30mg; SD: 20mg		5mg		10mg		15mg		20mg		25mg		30mg				
Vyvanse® <sup>¶</sup> (capsules) (lisdexamfetamine)	6 Yrs–Adults: 10–70mg; SD: 30mg	10mg		20mg		30mg		40mg		50mg		60mg		70mg			
Vyvanse® <sup>¶</sup> (chewables) (lisdexamfetamine) (strawberry flavor)	6 Yrs–Adults: 10–60mg; SD: 30mg	10mg		20mg		30mg		40mg		50mg		60mg					
Dyanavel® XR (d- & l-amphetamine sulfate) 2.5mg/mL (bubblegum flavor)	6 Yrs–Adults: 2.5–20mg; SD: 2.5 or 5mg	2.5mg 1mL		5mg 2mL		7.5mg 3mL		10mg 4mL		12.5mg 5mL		15mg 6mL		17.5mg 7mL		20mg 8mL	
Mydayis™ <sup>‡</sup> (mixed amphetamine salts)	13–17 Yrs: 12.5–25mg; SD: 12.5mg Adults: 12.5-50mg; SD: 12.5mg	12.5mg			25mg			37.5mg			50mg						
Dexedrine Spansule® (d-amphetamine sulfate)	6-17 Yrs: 10–60mg; SD: 5mg 1-2x/day		5mg		10mg		15mg										

Amphetamine Derivatives – Short Acting/Immediate Release** (Medications in this section are shown at actual size)																
Evekeo® (d- & l- amphetamine sulfate)	3–5 Yrs: SD: 2.5mg 1x/day 6–17 Yrs: 5-40mg divided BID; SD: 5mg 1-2x/day		5mg			10mg										
Evekeo® ODT (d- & l- amphetamine sulfate)	6–17 Yrs: 5-40mg divided BID; SD: 5mg 1-2x/day		5mg			10mg			15mg		20mg					
Zenedi® (d-amphetamine sulfate)	3–5 Yrs: SD: 2.5mg 1x/day 6–17 Yrs: 5-40mg divided BID; SD: 5mg 1-2x/day	2.5mg		5mg		7.5mg		10mg		15mg		20mg		30mg		
Adderall® (mixed amphetamine salts)	3–5 Yrs: SD: 2.5mg 1x/day 6–17 Yrs: 5-40mg divided BID; SD: 5mg 1-2x/day		5mg		7.5mg		10mg		12.5mg		15mg		20mg		30mg	
ProCentra® (d-amphetamine sulfate) (bubblegum flavor)	3–5 Yrs: SD: 2.5mg 1x/day 6–17 Yrs: 5-40mg divided BID; SD: 5mg 1-2x/day		5mg/5mL													

Non-Stimulants** (Medications in this section are shown at actual size)															
Intuniv® <sup>†</sup> (guanfacine, extended release)	6–12 Yrs: 1-4mg; SD: 1mg 13–17 Yrs: 1-7mg; SD: 1mg Target dose is weight-based: .05-0.12mg/kg/day	1mg		2mg		3mg		4mg							
Kapvay® <sup>†</sup> (clonidine, extended release)	6–17 Yrs: 0.1-0.2mg BID; SD: 0.1mg qHS	0.1mg		(only in dose pack) 0.2mg											
Strattera® <sup>†</sup> (atomoxetine)	<70kg: 0.5mg/kg x 3d, then 1.2mg/kg (max:1.4mg/kg, not to exceed 100mg) ≥70 kg: 40mg/kg x 3d, then 80mg (max:100mg)	10mg		18mg		25mg		40mg		60mg		80mg		100mg	

♦ **Discontinued ADHD Medications:** The following FDA-approved proprietary formulations are no longer available (though, in some cases, branded or generic equivalents are still available): Ritalin LA capsule (60mg); Metadate CD capsules (40mg, 60mg); Metadate ER tablet (10mg); Ritalin SR tablets (20mg); Methylin Chewable tablets (2.5mg, 5mg, 10mg); Dexedrine Spansules (5mg, 10mg); Dexedrine tablets (5mg, 10mg); DextroStat tablets (5mg, 10mg); LiquADD solution (5mg/5mL), and Cylert (pemoline).

- Updated versions of the ADHD Medication Guide can be viewed at [www.ADHDMedicationGuide.com](http://www.ADHDMedicationGuide.com)
- Laminated copies of the ADHD Medication Guide can be obtained at: [www.ADDWarehouse.com](http://www.ADDWarehouse.com)
- Contact Dr. Andrew Adesman with any comments or suggestions: [ADHDMedGuide@Northwell.edu](mailto:ADHDMedGuide@Northwell.edu)

**\*\*Important Information:** The age-specific dosing information listed for each medication reflects the FDA-approved prescribing information. "SD" refers to the FDA-recommended starting dose, which sometimes varies by age. Practitioners should refer to the full prescribing information for each medication. Please note: medications have been arranged on the ADHD Medication Guide for ease of display and comparison; dosing equivalence cannot be assumed.