

Stimulant Medications for Treatment of ADHD

	Short-Acting Preparations		Long-Acting Preparations	
	Methylphenidate	Amphetamine	Methylphenidate	Amphetamine
Liquids	● Methylin Solution ^G	● ProCentra ^G	● Quillivant XR	● Dyanavel XR ● Adzenys ER ● Vyvanse (when dissolved in water)
	Advantages: easy to swallow, easy to make small dose adjustments, especially when first starting treatment, different flavors Disadvantages: long-acting preparations are available as brand only			
Chewable	● Methylin Chewable ^G		● QuilliChew ER	● Vyvanse Chewable
	Advantages: different flavors Disadvantages: long-acting preparations are available as brand only			
Oral Disintegrating Tablets	-----	-----	● Cotempla XR-ODT	● Adzenys XR-ODT
	Advantages: dissolves quickly, no liquid is needed to take the tablet, does not need to be swallowed whole Disadvantages: some patients may not want to place medicine under their tongue			
Sprinkles	-----	-----	● Focalin XR ^G ● Metadate CD ^G ● Ritalin LA ^G ● Aptensio XR	● Adderall XR ^G ● Vyvanse ^{O-L} ● Dexedrine Spansule ^{G, O-L} ● Mydayis
	Advantages: capsules can be opened and medication “sprinkled” on food, most are available as a generic Disadvantages: some patients have oral texture sensitivity to the “micro beads” (note: Vyvanse is a powder, not beads)			
Transdermal Patch	-----	-----	● Daytrana ^{O-L}	-----
	Advantages: applied directly to skin, patch can be cut to optimize dose (off label); patch can be kept on beyond 9 hours (off label) Disadvantages: takes longer to start working, rash is not uncommon			
Crushable	● Ritalin ^{G, O-L} ● Focalin ^{G, O-L} ● Methylin Chewable ^{G, O-L}	● Adderall ^{G, O-L} ● Evekeo ^{O-L} ● Zenzedi ^{G, O-L}	● QuilliChew ER ^{O-L}	-----
	Advantages: may be “hidden” within food Disadvantages: not flavored; possibly bitter if not “hidden” within food			
Caplet	-----	-----	● Concerta ^G	-----
	Advantages: available in a wide range of doses, different strengths can be combined to optimize medication dose Disadvantages: must be swallowed whole			

G: Generic formulation available

O-L: “Off-label” (likely safe and effective, but not FDA approved for administration in this manner)

This Chart was created by Drs. Andrew Adesman and Anna Krevskaya of Northwell Health, Inc. Questions or comments: contact ADHDMedGuide@northwell.edu. Northwell Health is not affiliated with the owner of any of the brands referenced in this Chart. This Chart should not be used as an exclusive basis for decision-making. Use of this Chart is strictly voluntary and at the user’s sole risk. Copyright 2018 by Northwell Health, Inc, Great Neck, NY. All rights reserved. Sale of this Chart is strictly forbidden. Send inquiries to the Office of Legal Affairs, Northwell Health, Inc, 2000 Marcus Avenue, Lake Success, NY 11042