STIMULANTS amphetamines

Medication	Compound	Duration	Dosing Considerations
Extended Release			
Mixed Amphetamine/Dextroamphetamine Salts			
Adderall XR	Capsule; 50% immediate release, 50% extended release beads; microtrol delivery system	10-12 hours	Capsule may be opened and beads swallowed whole with applesauce
Mydayis	Long acting, triple bead capsule	14-16 hours	
amphetamine/dextroamphetamine ER	Not generic adderall, just extended release forumulation	10-12 hours	May open ER capsule but do not crush or chew
Lisdexamphetamine			
Vyvanse	long acting capsule, peaks in 3.5 hours	10-13 hours	capsule may be opened and constents disolved in water, yogurt or orange juice, use immediately after disolving
	chewable tablet, peaks in 4.4 hours	10-13 hours	Strawberry flavored. May be taken with or without food.
Dextroamphetamine			
Dexedrine ER	sustained release spansule. Initial dose immediate release and remaining medication releases gradually	5-10 hours	
Procentra	Oral solution	3-6 hours	Bubble gum flavor, may be taken with or without food. Shake bottle well. May be stored at room temp.
Xelstrym	Transdermal patch	9 hours	Patch applie to upper arm, upper back, hip chest or flank areas two hours before the effects of the medication are needed. Do not use more than one patch in 24 hour period
Immediate Release			
Mixed Amphetamine/Dextroamphetamine Salts			
Adderall IR	Short acting tablet	4-6 hours	May be taken with or without food
Dextroamphetamine			
Dexedrine	Short acting tablet	3-4 hours	Take first dose upon awakening
Procentra	Oral Solution	3-6 hours	Bubble gum flavor; may be taken with or without food. Shake bottle well. May be stored at room temperature

The compilation of data from multiple sources may involve third-party data, which may be subject to change over time due to updates, corrections, or changes in the original source. It is intended solely for the use of qualified professionals and is not intended for public release or distribution.

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5/8/26

STIMULANTS
methylphenidates

Medication	Compound	Duration	Dosing Considerations
Methyphenidates			
Extended Release			
Aptensio XR	Cap with multilayer beads; 40% immedaie release and 60% extended release (2nd peak 7-8 hrs)	12 hours	Can be opned and conents swallowed completely with applesauce
Concerta	OROS osmotic pump technology: 22% immediate (peak at 1 hr) and 78% gradual release over 9 hours	12 hours	Must be swallowed whole, shell is non absorbable and mau be passed in stool
Cotempla XRODT	Disolvable tablet; 25% immediate release, 75% extended release	12-13 hours	Grape Flavored; needs to disolve in saliva; do not swallow
Ritalin LA	Spheroidal Oral Drug Absorption System (SODA S); 50% immediate release, 50% delayed release (2nd peak at 4 hours)	8-12 hours	Capsule can be opened and swallowed with applesauce
methylphenidate HCL ER	Not generic concerta, purely extended release formulation	6-8 hours	Do not crush or chew; Needs to be swallowed whole
Jornay	Dual layer delexis delivery: outer layer delays medication release for up to 10 hours. Inner layer is active medication for daytime	12-14 hours	Taken before bed; med in effect in a.m. helping with morning symptoms
Quillichew ER	Chewable; 30% Immediate release, 70% extended release	8 hours	Can be taken with or without food. Cherry flavored
Quillivant XR	Liquid suspension; 20% immediate release, 80% extended release	12 hours	Shake bottle for at least 10 seconds. Can be given with or without food. Does not need to be refridgerated. Fruit flavored.
Daytrana	Brand and generic. Transdermal patch; drug dispersed transdermally and applied/removed daily	9 hour wear time	Slow med onset over initial 6 hours, allows for control of time med is in effect based on wear time. Monitor skin for rash/sensitivity. May need rotation of patch application sites
Immediate Release			
Methylphenidate HCL	methylphenidate IR chewable tablet and oral solution available	3-4 hours	Both grape flavored. Liquid can be stored at room temperature.
Ritalin	methylphenidate IR tablet; brand or generic	3-4 hours	Quick onset/med drop off can increase frequency and severity of side effects
Dexmethylphenidates			
Extended Release			
Focalin XR	Brand and generic. Spheroidal Oral Drug Absorption System (SODA S); 50% immediate release, 50% delayed release (2nd peak at 4 hours)	8-12 hours	Capsule may be opened and beads swallowed completely with applesauce
Dexmethylphenidate HCL ER	Not generic focalin. All Extended Release	**8-12 hours**	Capsule may be opened but do not crush/chew contents.
Immediate Release			
Focalin	immediate release tablet	4-6 hours	Isolated active dextroisomer; equates to approximately half methylphenidate dose