

Medications Used in the Treatment of AD/HD

Generic Name	Brand Names	Duration	Form	Dosage Range	Common Side Effects
Stimulants					
Methylphenidate <i>Immediate release</i>	Methylin Ritalin	3-4 hours	tablets	5 mg 10 mg 20 mg	Moderate appetite suppression, mild sleep disturbances, transient weight loss, irritability, emergence of tics.
<i>Extended release</i>	Metadate ER Methylin ER	6-8 hours	tablets	10 mg 20 mg	Moderate appetite suppression, mild sleep disturbances, transient weight loss, irritability, emergence of tics.
	Metadate CD	8-10 hours	capsules	10 mg 20 mg 30 mg	
	Ritalin LA	8-10 hours	capsules	10 mg 20 mg 30 mg 40 mg	
	Concerta	10-12	capsule	18 mg 27 mg 36 mg 54 mg	
<i>Transdermal Patch</i>	Daytrana	10-12 hours (9 hours applied + up to three hours after removal)	transdermal patch	10-30 mg	Moderate appetite suppression, mild sleep disturbances, transient weight loss, irritability, emergence of tics, skin irritation.
Methylphenidate SR <i>Sustained release</i>	Ritalin SR	4-8 hours	tablet	20 mg	Moderate appetite suppression, mild sleep disturbances, transient weight loss, irritability, emergence of tics.
Dexmethylphenidate SR	Focalin	4-6 hours	tablets	2.5 mg 5 mg 10 mg	Moderate appetite suppression, mild sleep disturbances, transient weight loss, irritability, emergence of tics.

<i>Extended release</i>	Focalin XR	6-10 hours	capsule	5 mg 10 mg 20 mg	Moderate appetite suppression, mild sleep disturbances, transient weight loss, irritability, emergence of tics.
Dextroamphetamine <i>Short acting</i>	Dexedrine DextroStat	4-6 hours	tablet	5 mg 10 mg	Moderate appetite suppression, mild sleep disturbances, transient weight loss, irritability, emergence of tics.
<i>Intermediate acting</i>	Dexedrine Spansule	6-8 hours	capsule	5 mg 10 mg 15 mg	Same as for short-acting dextroamphetamine
Lisdexamfetemine Dimesylate <i>Prodrug</i>	Vyvanse	10-12 hours	capsule	20 mg 30 mg 40 mg 50 mg 60 mg 70 mg	Moderate appetite suppression, mild sleep disturbances, transient weight loss, irritability, emergence of tics.
Mixed Amphetamine salts <i>Intermediate acting</i>	Adderall	4-6 hours	tablets	5 mg 10 mg 15 mg 20 mg 30 mg	Moderate appetite suppression, mild sleep disturbances, transient weight loss, irritability, emergence of tics.
<i>Extended release</i>	Adderall XR	8-12 hours	capsule	5 mg 10 mg 15 mg 20 mg 25 mg 30 mg	Moderate appetite suppression, mild sleep disturbances, transient weight loss, irritability, emergence of tics.
Nonstimulants					
Atomoxetine <i>Extended release</i>	Strattera	24 hours	capsule	10 mg 18 mg 25 mg 40 mg 60 mg	Nervousness, sleep problems, fatigue, upset stomach, dizziness, dry mouth. In rare cases, may lead to severe liver injury or possibly to suicidal ideation.

Atypical Antidepressants					
Bupropion	Wellbutrin	4-5 hours	tablets	75 mg 100 mg	Difficulty sleeping, headache, and in rare cases, seizures.
	Wellbutrin SR	12 hours	tablets	100 mg 150 mg 200 mg	
	Wellbutrin XL	24 hours	tablets	150 mg 300 mg	
Tricyclic Antidepressants					
Imipramine	Tofranil	8-24 hours	tablets	10 mg 25 mg 50 mg	Nervousness, sleep problems, fatigue, upset stomach, dizziness, dry mouth, accelerated heart rate, possible risk of cardiac arrhythmias.
Desipramine	Norpramin	8-24 hours	tablets	10 mg 25 mg 50 mg 75 mg 100 mg 150 mg	Has been associated with deaths from cardiac problems. Not recommended for children.
Nortriptyline	Aventyl Pamelor	8-24 hours	capsules	10 mg 25 mg 50 mg 75 mg	Nervousness, sleep problems, fatigue, upset stomach, dizziness, dry mouth, accelerated heart rate, possible risk of cardiac arrhythmias.
Antihypertensives					
Clonidine	Catapres	4-6 hours	tablets	0.1 mg 0.2 mg 0.3 mg	Fatigue, dizziness, dry mouth, increased activity, irritability, behavior problems, low blood pressure; abrupt discontinuation may lead to elevated blood pressure.
		24 hours	skin patch	0.1 mg/24 hrs 0.2 mg/24 hrs 0.3 mg/24 hrs	
Guanfacine	Tenex	6-8 hours	tablets	1 mg 2 mg	Fatigue, dizziness, dry mouth, increased activity, irritability, behavior problems, low blood pressure; abrupt discontinuation may lead to elevated blood pressure.