

# ADHD Stimulant Medication Tables

This aid is a PDF version of the tables located at <https://ohiomindsmatter.org/health-professionals/medication-guides/stimulants>

## Methylphenidate Tables

### Methylphenidate (immediate release)

Brand Names	Dosage Forms	Starting Dose	Max Dose	Notes
Ritalin	5 mg, 10 mg, 20 mg	5 mg BID	60 mg divided	-
Methylin chewable	2.5 mg, 5 mg, 10 mg	5 mg BID	60 mg divided	-
Methylin liquid	5 mg/5 ml, 10 mg/5 ml	5 mg BID	60 mg divided	-

### Methylphenidate extended-release capsule

Brand Names	Dosage Forms	Starting Dose	Max Dose	Notes
Ritalin LA	10 mg, 20 mg, 30 mg, 40 mg, 60 mg	20 mg daily	60 mg daily	Can be opened/sprinkled
Metadate CD	10 mg, 20 mg, 30 mg, 40 mg, 50 mg, 60 mg	20 mg daily	60 mg daily	-

## Methylphenidate Tables - Continued

### Methylphenidate Osmotic extended-release tablet

Brand Names	Dosage Forms	Starting Dose	Max Dose	Notes
Concerta	18 mg, 27 mg, 36 mg, 54 mg	18 mg daily	54 mg (for 6-12 years)  72 mg (for age 13+)	Cannot be divided or crushed
Relexxii	18 mg, 27 mg, 36 mg, 45 mg, 54 mg, 63 mg, 72 mg	18 mg daily	54 mg (for 6-12 years)  72 mg (for age 13+)	Cannot be divided or crushed

### Methylphenidate multilayer extended-release capsule

Brand Names	Dosage Forms	Starting Dose	Max Dose	Notes
Apensio XR	10 mg, 15 mg, 20 mg, 30 mg, 40 mg, 50 mg, 60 mg	10 mg daily	60 mg	Can be opened/sprinkled

## Methylphenidate Tables - Continued

### Methylphenidate extended-release liquid

Brand Names	Dosage Forms	Starting Dose	Max Dose	Notes
Quillivant XR	25 mg/ 5ml solution  Bottles (ml): 60 mg, 120 mg, 150 mg, 180 mg	20 mg daily	60 mg daily	Bottles intended to last one month 20% immediate release, 80% extended release

### Methylphenidate extended-release chewable tablet

Brand Names	Dosage Forms	Starting Dose	Max Dose	Notes
QuilliChew ER	20 mg, 30 mg scored chew tabs  40 mg unscored chew tabs	20 mg daily	60 mg daily	30% immediate release, 70% extended release

### Methylphenidate extended release orally disintegrating

Brand Names	Dosage Forms	Starting Dose	Max Dose	Notes
Cotempla XR-ODT	8.6 mg, 17.3 mg, 25.9 mg	17.3 mg daily	51.8 mg daily	Orally disintegrating tab

## Methylphenidate Tables - Continued

### Methylphenidate extended release transdermal

Brand Names	Dosage Forms	Starting Dose	Max Dose	Notes
Daytrana	10 mg, 15 mg, 20 mg, 30 mg	10 mg daily	30 mg daily	<p>Possible adverse skin reaction/irritation due to patch</p> <p>Not suitable for swimming/heavy sweating</p>

### Methylphenidate extended release administered at night

Brand Names	Dosage Forms	Starting Dose	Max Dose	Notes
Jornay PM	20 mg, 40 mg, 60 mg, 80 mg, 100 mg	20 mg daily	100 mg daily	<p>Has extended release coating, administered in the evening</p> <p>Start at 8pm, adjust to between 6:30-9:30 as needed, works in AM</p> <p>Insomnia at higher rates (33%) than some other stimulants</p>

## Methylphenidate Tables - Continued

### Methylphenidate sustained release tablet

Brand Names	Dosage Forms	Starting Dose	Max Dose	Notes
Metadate ER	10 mg, 20 mg	20 mg daily	60 mg daily	Must be swallowed whole

### Serdexmethylphenidate and dexamethylphenidate

Brand Names	Dosage Forms	Starting Dose	Max Dose	Notes
Azstarys	26.1 mg/ 5.2 mg, 39.2 mg/ 7.8 mg, 52.3 mg/ 10.4 mg	26.1 mg/ 5.2 mg (Ages 6-12)  39.2 mg/ 7.8 mg (Ages 13+)	52.3 mg/ 10.4 mg	Combination of 30% immediate release dexamethylphenidate plus 70% of serdexmethylphenidate, a dexamethylphenidate prodrug  can be opened & sprinkled

## Dexmethylphenidate Tables

### Dexmethylphenidate (immediate release) tab

Brand Names	Dosage Forms	Starting Dose	Max Dose	Notes
Focalin	2.5 mg, 5 mg, 10 mg	2.5 mg BID	20 mg divided BID	-

### Dexmethylphenidate extended-release capsule

Brand Names	Dosage Forms	Starting Dose	Max Dose	Notes
Focalin XR	5 mg, 10 mg, 15 mg, 20 mg, 25 mg, 30 mg, 35 mg, 40 mg	5 mg daily	30 mg daily	Can be opened/sprinkled

## Amphetamine Derivatives Tables

### Amphetamine (immediate release)

Brand Names	Dosage Forms	Starting Dose Ages 3-5	Starting Dose Age 6+	Max Dose	Notes
Adderall (mixed amphetamine salts)	5 mg, 7.5 mg, 10 mg, 12.5 mg, 15 mg, 20 mg (scored), 30 mg (scored)	2.5 mg daily	5 mg daily or BID	40 mg divided BID	-
Zenzedi (d-amphetamine sulfate)	2.5 mg, 5 mg, 10 mg, 15 mg, 20 mg, 30 mg	2.5 mg daily	5 mg daily or BID	40 mg divided BID	-
Evekeo (d- & l- amphetamine sulfate)	5 mg (scored), 10 mg (cross-scored)	2.5 mg daily	5 mg daily or BID	40 mg divided BID	-
Evekeo ODT	2.5 mg, 5 mg, 10 mg, 15 mg, 20 mg	2.5 mg daily	5 mg daily or BID	40 mg divided BID	-
Procentra (d-amphetamine liquid)	5 mg/5 ml	2.5 mg daily	5 mg daily or BID	40 mg divided BID	-

## Amphetamine Derivatives Tables - Continued

### Mixed Amphetamine salts extended release capsule

Brand Names	Dosage Forms	Starting Dose Ages 3-5	Starting Dose Age 6+	Max Dose	Notes
Adderall XR	5 mg, 10 mg, 15 mg, 20 mg, 25 mg, 30 mg	-	5 mg daily	30 mg daily	Can be opened/sprinkled
Mydayis	12.5 mg, 25 mg, 37.5 mg, 50 mg	-	12.5 mg daily <sup>1</sup>	25 mg daily (50 mg daily for adults)	Mydayis has a third phase of extended release, prolonging the duration of action  <sup>1</sup> Mydayis is FDA approved for ages 13+

### Lisdexamfetamine (prodrug)

Brand Names	Dosage Forms	Starting Dose Ages 3-5	Starting Dose Age 6+	Max Dose	Notes
Vyvanse - capsule	10 mg, 20 mg, 30 mg, 40 mg, 50 mg, 60 mg, 70 mg capsule	-	30 mg	70 mg daily	<b>Capsules</b> can be opened and mixed with water, yogurt, or orange juice
Vyvanse - chewable tablet	10 mg, 20 mg, 30 mg, 40 mg, 50 mg, 60 mg chewable tablet	-	30 mg	70 mg daily	-



## Amphetamine Derivatives Tables - Continued

### Amphetamine extended release orally disintegrating

Brand Names	Dosage Forms	Starting Dose Ages 3-5	Starting Dose Age 6+	Max Dose	Notes
Adzenys XR-ODT	3.1 mg, 6.3 mg, 9.4 mg, 12.5 mg, 15.7 mg, 18.8 mg	6.3 mg daily	18.8 mg daily	-	-

### Amphetamine extended-release liquid

Brand Names	Dosage Forms	Starting Dose Ages 3-5	Starting Dose Age 6+	Max Dose	Notes
Dynavel XR	2.5 mg/ml	-	2.5 mg daily	20 mg daily	-

## Amphetamine Derivatives Tables - Continued

### Amphetamine extended-release tablet

Brand Names	Dosage Forms	Starting Dose Ages 3-5	Starting Dose Age 6+	Max Dose	Notes
Dynavel XR	5 mg, 10 mg, 15 mg, 20 mg	-	2.5 mg daily	20 mg daily	-

### Dextroamphetamine extended-release capsule

Brand Names	Dosage Forms	Starting Dose Ages 3-5	Starting Dose Age 6+	Max Dose	Notes
Dexedrine Spansule	5 mg, 10 mg, 15 mg	-	5 mg daily or BID	60 mg daily	Can be opened/sprinkled

## Tips for Combining Medications

Prescribers may consider combining medications under the following circumstances:

Circumstance:	Option:
Partial response to stimulant or have breakthrough symptoms	Consider combining a stimulant with a non-stimulant medication
Child continues to experience hyperactivity/impulsivity symptoms	Add clonidine or guanfacine to a stimulant as adjunct
Inattention symptoms, if intolerability to stimulants with inattention symptoms as primary concern	Add atomoxetine <b>Note:</b> Combining atomoxetine with stimulants is off label
Depression comorbidity	Consider adding bupropion to a stimulant as treatment for depression & potential adjunct for ADHD, although this strategy has not been well-studied

## Common Side Effects for Stimulant Medications

Reduced appetite/weight loss, insomnia, nervousness, stomachaches, headaches, mild irritability as medicine kicks in, mild irritability as medicine wears off, mild social withdrawal, mild increases in heart rate or blood pressure

## Serious Side Effects for Stimulant Medications (Rare)

Severe mood problems, serious aggression, hallucinations, severe social withdrawal, severe tics, large increases in heart rate or blood pressure