

Stimulant Medications for ADHD

David Rosenthal, M.D.

Child and Adult Psychiatrist

Stimulant Generic Name	Stimulant Trade Name	Typical Dosage Range in mg/dose	Onset of Behavioral Effect in Minutes	Approximate Duration of Action in Hours
methylphenidate	Ritalin	5-20	20-30	3-4
methylphenidate (sustained-release)	Ritalin SR	10-40	45-60	6-8
methylphenidate (extended-release)	Metadate ER	10-40	45-60	6-8
methylphenidate (immediate + extended-release)	Metadate CD	10-40	20-30	6-8
methylphenidate (long-acting)	Ritalin LA	10-40	20-30	6-8
methylphenidate (extended-release)	Concerta	18-72	20-30	11-12
methylphenidate adhesive patch	Daytrana	10-30	60-120	10-12
dexmethylphenidate	Focalin	2.5-10	20-30	3-4
dexmethylphenidate (extended-release)	Focalin XR	5-20	20-30	6-8
dextroamphetamine	Dexedrine	2.5-10	20-30	3-4
dextroamphetamine (sustained-release)	Dexedrine Spansules	5-20	45-60	6-8
mixed amphetamine salts	Adderall	5-20	20-30	5-6
mixed amphetamine salts	Adderall XR	10-40	20-30	10-12
lisdexamfetamine	Vyvanse	20-70	30-60	11-13
Modafinil (not FDA approved for ADHD)	Provigil/Sparlon	340-425	60-120	10-14
Armodafinil	Nuvigil	150-500	60-120	10-14

--	--	--	--	--