

Medications Used for ADHD in Children under 6 Years of Age

Drug Name	Starting Dose recommendation
<p>Methylphenidate Formulations¹:</p> <p>Short Acting: Methylin[®], Ritalin[®] Methylin Oral Solution[®]</p>	<p>1.25 t.i.d. titrate as needed to doses not exceeding 1 mg/kg/day</p> <p><i>Recommendations extrapolated from the Preschool ADHD Treatment Study (PATS)</i></p>
<p>Atomoxetine² Strattera[®]</p>	<p>10mg/day – titrate as needed to doses not to exceed 1.4mg/kg/day</p> <p>Recommendations extrapolated from the Kratochvil et al. 2011 study</p>
<p>Amphetamine Formulations³:</p> <p>Short Acting: Adderall[®] DextroStat[®] ProCentra[®] Oral Solution</p>	<p>2.5 mg/day – titrate as needed to doses not exceeding 0.5 mg/kg/day</p> <p><i>Amphetamine target dose is generally one-half to two-thirds of methylphenidate dose</i></p>
<p>Alpha Agonists⁴:</p> <p>Clonidine</p> <p>Guanfacine</p>	<p>Starting dose not to exceed:</p> <p>0.05 mg/day</p> <p>0.5 mg/day</p> <p>Monitor carefully for excessive sedation, increased irritability</p> <p><i>Recommendations based on expert opinion</i></p>

Notes:

1. No FDA indication for children younger than 6 years old; based on Preschool ADHD Treatment Study results
2. No FDA indication for children younger than 6 years old; based on Kratochvil, C.J., B.S. Vaughan, et al. (2011). "A double-blind, placebo-controlled study of atomoxetine in young children with ADHD". *Pediatrics* 127(4):e862-868.
3. FDA indication for ADHD treatment of children 3-5 years old, but not clinical trial study results available.
4. No FDA indication for ADHD except Guanfacine XR in children 6 years and older; no clinical trial study results available for alpha agonist use for ADHD in children below age 6 years old.