

Appendix 2: Medication for Children with Uncomplicated ADHD

Medication	Dosage Form	Initial Dose	Titration Schedule Every 7 days (Atomoxetine: 14 days*)	Daily Maximum (up to 40kg child)	
				Product Monograph	CAADRA Board
First Line Agents : Long-acting Preparations					
Amphetamine mixed salts (Adderall® XR)	5,10,15,20, 25,30 mg cap	5 mg qam	Increase 5 mg	30 mg	30 mg
Methylphenidate HCl (Biphentin®)	10,15,20,30, 40,50,60,80 mg cap	10 mg qam	Increase 5-10 mg	60 mg	60 mg
Methylphenidate HCl (Concerta®)	18,27,36,54 mg cap	18 mg qam	Increase 9 mg	54 mg	72 mg
Atomoxetine HCl (Strattera®)	10,18,25,40, 60 mg cap	0.5 mg/kg/day	0.8 mg/kg/day at week 2 1.2 mg/kg/day at week 4	Lesser of 1.4 mg/kg/day OR 100 mg/day	Lesser of 1.4 mg/kg/day OR 100 mg/day
* The product monograph recommends 10 days but 14-days is more practical.					
Second Line Agents: Short-acting and Intermediate-acting Preparations					
Occasionally, children may use medication for particular activities and in this circumstance may wish to use short-acting or intermediate-acting stimulants. These medications are also sometimes used to augment long-acting formulations early or late in the day, or early in the evening. To augment Adderall XR®, dextro-amphetamine products can be used. To augment Biphentin® or Concerta®, short-acting MPH products can be used.					
Dextro-amphetamine sulphate (Dexedrine®)	5 mg tab	2.5 mg qam and qnoon	Increase 2.5 mg (add q4pm dose)	40 mg	30 mg
Dextro-amphetamine sulphate (Dexedrine® Spansule†)	10,15 mg cap	10 mg qam	Increase 10 mg	40 mg	30 mg
PMS® or Ratio® - methylphenidate	5,10,20 mg tab	5 mg qam and qnoon	Increase 5 mg (add q4pm dose)	60 mg	60 mg
Methylphenidate HCl (Ritalin®)	10,20 mg tab	5 mg qam and qnoon	Increase 5 mg (add q4pm dose)	60 mg	60 mg
Methylphenidate HCl (Ritalin® SR‡)	20 mg tab	20 mg qam	Increase 20 mg (add q2pm dose)	60 mg	60 mg
† May last 6-8 hours. ‡ May help cover the noon period but clinical experience suggests an effect similar to short-acting preparations.					

Note: All of the medications above are listed in alphabetical order

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