









# Pharmacological Treatments for ADHD September 2012 - CANADA

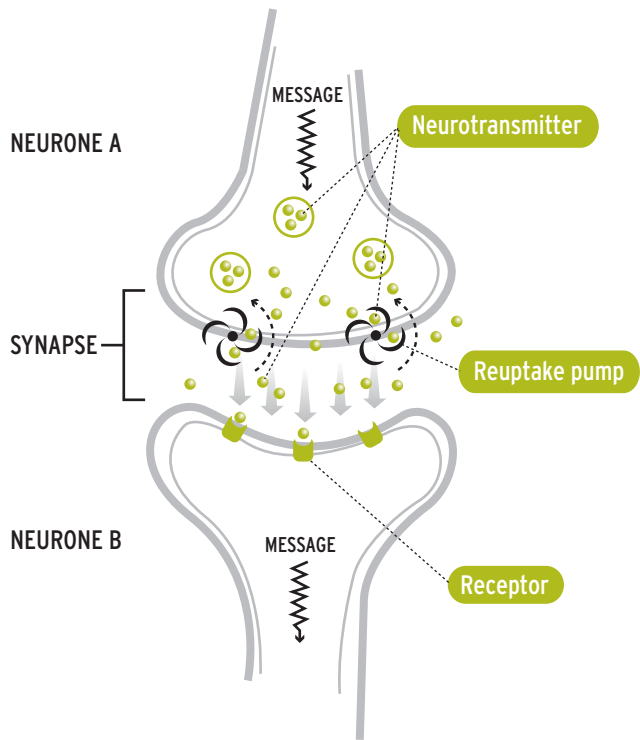
Medications available and illustrations of Tabs	Duration of action	Starting dose	Dose titration as per product monograph	Dose titration as per CADDRA <a href="http://www.caddra.ca">www.caddra.ca</a>
<b>AMPHETAMINE-BASED PSYCHOSTIMULANTS</b>				
Dexedrine® tablets 5 mg 	~ 4 h	tablets = 2.5 to 5 mg BID	↑ 2.5 - 5 mg at weekly intervals; max. dose/day: (q.d. or b.i.d.) All ages = 40 mg	↑ 2.5 - 5 mg/day at weekly intervals max. dose/day: (q.d. or b.i.d.) Children and Adolescents = 20 - 30 mg Adults = 50 mg
Dexedrine® spansules 10, 15 mg 	~ 6 - 8 h	spansules = 10 mg q.d. a.m.		
AdderallXR® Tabs 5, 10, 15, 20, 25, 30 mg 	~ 12 h	5 - 10 mg q.d. a.m.	↑ 5 - 10 mg at weekly intervals max. dose/day: Children = 30 mg Adolescents and Adults = 20-30 mg	Children: ↑ 5 mg at weekly intervals max. dose/day = 30 mg Adolescents and Adults: ↑ 5 - 10 mg at weekly intervals max. dose/day = 50 mg
Vyvanse® Tabs 20, 30, 40 50, 60 mg 	~ 13 - 14 h	20 - 30 mg q.d. a.m.	↑ by clinical discretion at weekly intervals max. dose/day: All ages = 60 mg	↑ 10 mg at weekly intervals max. dose/day: Children = 60mg Adolescents and Adults = 70 mg
<b>METHYLPHENIDATE-BASED PSYCHOSTIMULANTS</b>				
Methylphenidate short acting, tablet 5mg (generic) 10, 20 mg (Ritalin®) 	~ 3 - 4 h	5 mg b.i.d. to t.i.d. Adult = consider q.i.d.	↑ 5 - 10 mg at weekly intervals max. dose/day: All ages = 60 mg	↑ 5 - 10 mg at weekly intervals max. dose/day: Children and Adolescents = 60 mg Adults = 100 mg
Biphentin® Tabs 10, 15, 20, 30, 40, 50, 60, 80 mg 	~ 10 - 12 h	10 - 20 mg q.d. a.m.	↑ 10 mg at weekly intervals max. dose/day: Children and Adolescents = 60 mg Adults = 80 mg	↑ 10 mg at weekly intervals max. dose/day: Children = 60 mg Adolescents and Adults = 80 mg
Concerta® Extended Release Tabs 18, 27, 36, 54 mg 	~ 10 - 12 h	18 mg q.d. a.m.	↑ 18 mg at weekly intervals max. dose/day: Children = 54 mg Adolescents = 54 mg / Adults = 72 mg	↑ 18 mg at weekly intervals max. dose/day: Children = 72 mg Adolescents = 90 mg / Adults = 108 mg
<b>NON PSYCHOSTIMULANT</b>				
Strattera <sup>MD</sup> (Atomoxetine) Tabs 10, 18, 25, 40, 60, 80, 100 mg 	Up to 24 h	Children and Adolescents : 0.5 mg/kg/day Adults = 40 mg q.d. for 7-14 days	Maintain dose for a minimum of 7 - 14 days before adjusting: Children = 0.8 then 1.2 mg/kg/day 70 kg or Adults = 60 then 80 mg/day max. dose/day : 1.4 mg/kg/day or 100 mg	Maintain dose for a minimum of 7 - 14 days before adjusting: Children = 0.8 then 1.2 mg/kg/day 70 kg or Adults = 60 then 80 mg/day max. dose/day: 1.4 mg/kg/day or 100 mg

Illustrations do not reflect real size of pills/capsules.

Note: For specific details on how to start, adjust and switch ADHD medications, clinicians are invited to refer to the Canadian ADHD Practice Guidelines ([www.caddra.ca](http://www.caddra.ca))

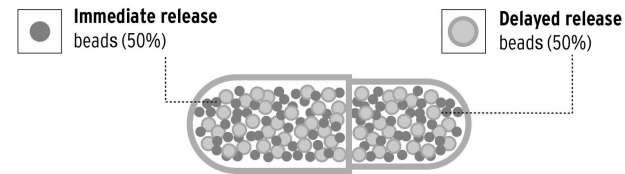
This table was developed jointly by développement professionnel continu, Laval University, Quebec ([www.fmed.ulaval.ca/fmc](http://www.fmed.ulaval.ca/fmc)) and CADDRA ([www.caddra.ca](http://www.caddra.ca))

## ILLUSTRATION OF A SYNAPSE

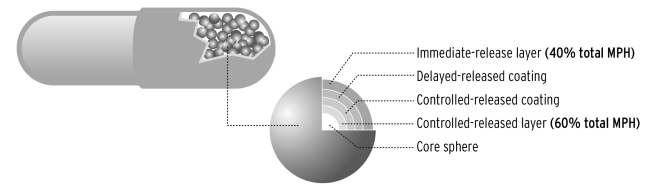


## Delivery system of long acting psychostimulants

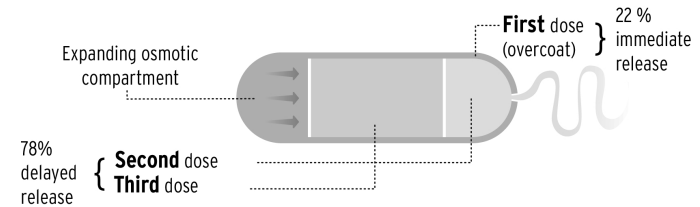
### ADDERALL XR<sup>®</sup>



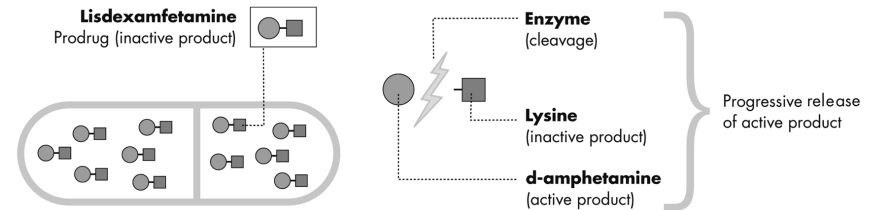
### BIPHENTIN<sup>®</sup>



### CONCERTA<sup>®</sup>



### VYVANSE<sup>®</sup>



Illustrations from : Mon cerveau a encore besoin de lunettes, Annick Vincent, Quebecor 2010

[www.attentiondeficit-info.com](http://www.attentiondeficit-info.com)