Pharmacological Treatments for ADHD December 2013 - CANADA

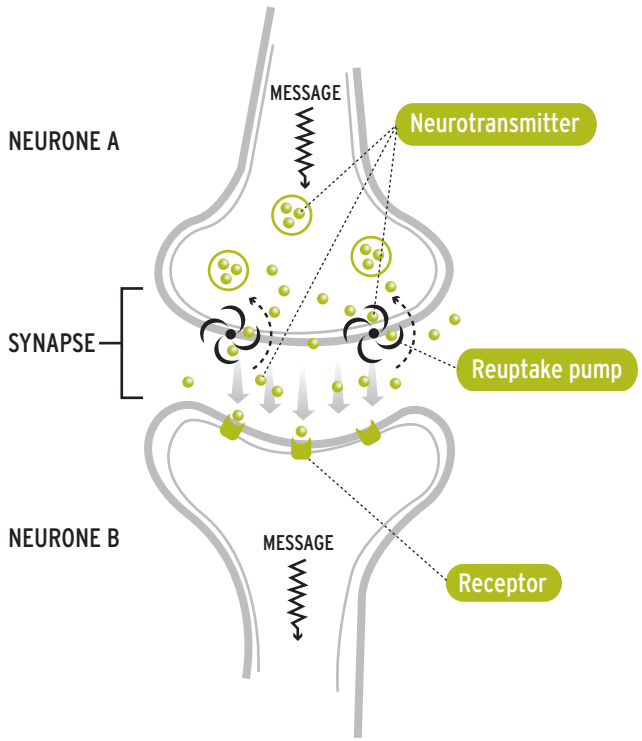
Medications available and illustrations of Tabs	Duration of action	Starting dose	Dose titration as per product monograph	Dose titration as per CADDRA www.caddra.ca
AMPHETAMINE-BASED PSYCHOSTIMULANTS				
Dexedrine® tablets 5 mg Dexedrine® spansules 10, 15 mg	~ 4 h ~ 6 - 8 h	tablets = 2.5 to 5 mg BID spansules = 10 mg q.d. a.m.	↑ 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
AdderallXR® Capsules 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® Capsules 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
METHYLPHENIDATE-BASED PSYCHOSTIMULANTS				
Methylphenidate short acting, tablets 5 mg (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® Capsules 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
NON PSYCHOSTIMULANT - SELECTIVE NOREPINEPHRINE REUPTAKE INHIBITOR				
Strattera[MD] (Atomoxetine) Capsules 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
NON PSYCHOSTIMULANT - SELECTIVE ALPHA-2A ADRENERGIC RECEPTOR AGONIST				
Intuniv XR ™ (Guanfacine XR) Extended release tabs 1,2,3, 4 mg	Up to 24 h	1 mg	Maintain dose for a minimum of 7 days before adjusting per 1 mg increment max. dose/day : Children 6-12 years = 4 mg	Maintain dose for a minimum of 7 days before adjusting per 1 mg increment max. dose/day : Children 6-12 years = 4 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)

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

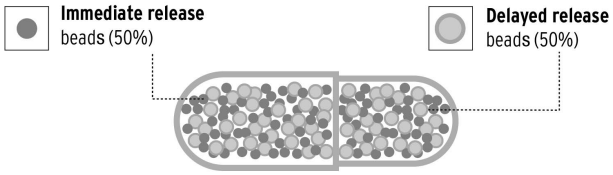
ILLUSTRATION OF A SYNAPSE



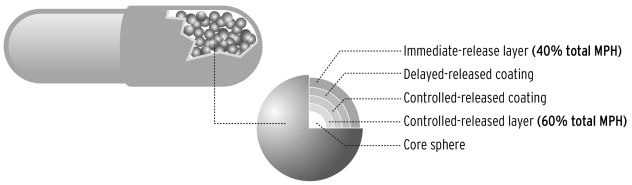
Illustrations from : Mon cerveau a encore besoin de lunettes, Annick Vincent, Quebecor 2010
www.attentiondeficit-info.com

Delivery system of long acting psychostimulants

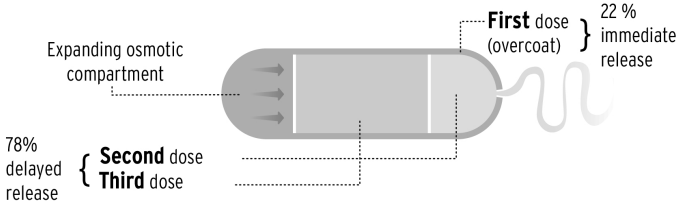
ADDERALL XR ®



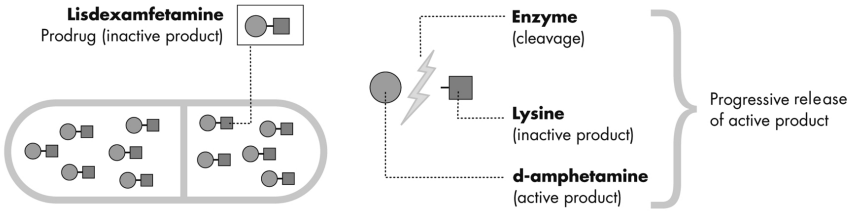
BIPHENTIN ®



CONCERTA ®



VYVANSE ®



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