

### Second-line medications

**CADDAC does not in anyway favor or promote any medications listed in this chart. We do believe that the availability of unbiased up-to-date medical information is necessary for people with ADHD and parents of children with ADHD to make informed decisions about treatment. Although this information is as up-to-date as we are able to make it at the time of development, please be aware that things can change very quickly in this area and for full up-to-date information please access the manufacturer's Product Monographs.**

**CADDAC has followed the expertise of the CADDRA ADHD Practice Guidelines in placing medications in the first line or second line of treatment.**

**This will not tell you everything about ADHD medications.**

**Contact your doctor or pharmacist if you have any questions about your medication.**

<b>What is the brand name?</b>	<b>Ritalin</b>	<b>Ritalin SR</b>	<b>Dexedrine</b>	<b>Dexedrine Spansules</b>
<b>What is the generic name?</b>	methylphenidate	Methylphenidate	dextroamphetamine	dextroamphetamine
<b>Who makes it?</b>	Novartis, Apotex, Pharmel, Pharmascience, Ratiopharm	Novartis, Apotex	GlaxoSmithKline	GlaxoSmithKline
<b>What strengths does it come in?</b>	5 mg, 10 mg, 20 mg	20 mg	5 mg Tablets	15, 20 mg Spansules
<b>What are the important non-medicinal ingredients?</b>	Depends on manufacturer. Check with your pharmacist	Novartis: cellulose compounds, cetostearyl alcohol, castor oil compounds, lactose, magnesium stearate, talc and titanium dioxide Apotex: hydroxypropyl methylcellulose, magnesium stearate and colloidal silicon dioxide	calcium sulfate, gelatin, lactose, starch, stearic acid, sucrose, talc and dyes	cetyl alcohol, D&C yellow no. 10, dibutyl sebacate, ethylcellulose, gelatin, hydroxypropyl methylcellulose, propylene glycol, povidone, silicon dioxide, sodium lauryl sulfate, sugar spheres and trace amounts of other inactive ingredients and dyes
<b>How do I take the drug?</b>	Only by mouth	Only by mouth	Only by mouth	Only by mouth
<b>Can I sprinkle it on food?</b>	No	Do not crush or chew tablets	Do not crush or chew tablets	Do not open the capsules.
<b>What type of medication is it?</b>	Stimulant	Stimulant	Stimulant	Stimulant
<b>Will I notice it working right away?</b>	Yes	Yes	Yes	Yes
<b>How long does it work?</b>	Only a few hours. Need to take 2 or 3 times a day.	Only a few hours. Need to take twice a day. Effect is not continuous and may be different on different days.	4 to 6 hours	10-12 hours

<b>How does it work?</b>	It helps increase attention and decreases impulsiveness and hyperactivity. Methylphenidate tablets only release drug into the body immediately. The effects wear off before lunch. If a second tablet is taken at lunch time, it wears off after school.	It helps increase attention and decreases impulsiveness and hyperactivity. Methylphenidate slow release tablets release drug into the body with an unpredictable pattern. See “What other things should I know below”	It helps increase attention (including the ability to follow directions and finish tasks) and decrease impulsiveness and hyperactivity	It helps increase attention (including the ability to follow directions and finish tasks) and decrease impulsiveness and hyperactivity
<b>What are the most common side effects?</b>	Headache, difficulty sleeping, feeling nervous, anxiety, loss of appetite, stomach ache, feeling sick to the stomach	Headache, difficulty sleeping, feeling nervous, anxiety, loss of appetite, stomach ache, feeling sick to the stomach	Slowing of growth (height and weight) in children, seizures (mainly in patients with a history of seizures), eye sight changes, tremors, headache, dizziness, loss of appetite, dry mouth, stomach upset, difficulty falling asleep, high blood pressure, irregular heartbeat, and irritability	Slowing of growth (height and weight) in children, seizures (mainly in patients with a history of seizures), eye sight changes, tremors, headache, dizziness, loss of appetite, dry mouth, stomach upset, difficulty falling asleep, high blood pressure, irregular heartbeat, and irritability
<b>What do I need to tell my doctor before I take this medication?</b>	<p>Tell your doctor if you have high blood pressure, heart problems or heart defects, thyroid problems, have had seizures in the past, have had an abnormal EEG in the past, feel sad, worthless or hopeless, have had abnormal thoughts or visions, hear abnormal sounds, have glaucoma, have tics or Tourette’s syndrome, have a blockage in your GI tract, have bipolar disorder, have any problems with your blood vessels or do hard exercise.</p> <p>Tell your doctor if anyone in your family suddenly died or died from a heart problem.</p> <p>Tell your doctor if you have ever abused or been dependent on alcohol or drugs or if you are now abusing or are dependent on alcohol or drugs.</p>	<p>Tell your doctor if you have high blood pressure, heart problems or heart defects, thyroid problems, have had seizures in the past, have had an abnormal EEG in the past, feel sad, worthless or hopeless, have had abnormal thoughts or visions, hear abnormal sounds, have glaucoma, have tics or Tourette’s syndrome, have a blockage in your GI tract, have bipolar disorder, have any problems with your blood vessels or do hard exercise.</p> <p>Tell your doctor if anyone in your family suddenly died or died from a heart problem.</p> <p>Tell your doctor if you have ever abused or been dependent on alcohol or drugs or if you are now abusing or are dependent on alcohol or drugs.</p>	<p>Talk to your doctor or pharmacist if you or your child: have mild high blood pressure; have a family history of sudden death or death related to heart problems; have heart disease or structural heart abnormalities; have mental problems including psychosis, mania, bipolar illness, depression, or a family history of suicide; have tics or Tourette’s syndrome; have thyroid problems; have seizures or have had an abnormal brain wave test (EEG); do strenuous exercise; take other drugs for ADHD; have diabetes mellitus;</p> <ul style="list-style-type: none"> <li>• have an allergy to tartazine (FD &amp; C Yellow no. 5) or aspirin; is pregnant or plans to become pregnant; is breast feeding or plans to breastfeed; if you or your child have (or have a family history of)</li> </ul>	<p>Talk to your doctor or pharmacist if you or your child: have mild high blood pressure; have a family history of sudden death or death related to heart problems; have heart disease or structural heart abnormalities; have mental problems including psychosis, mania, bipolar illness, depression, or a family history of suicide; have tics or Tourette’s syndrome; have thyroid problems; have seizures or have had an abnormal brain wave test (EEG); do strenuous exercise; take other drugs for ADHD; have diabetes mellitus;</p> <ul style="list-style-type: none"> <li>• have an allergy to tartazine (FD &amp; C Yellow no. 5) or aspirin; is pregnant or plans to become pregnant; is breast feeding or plans to breastfeed; if you or your child have (or have a family history of) ever abused or been dependent on alcohol, prescription medicines or street drugs.</li> </ul>

	<p>Tell your doctor if you are thinking about having a baby, are pregnant now or are breast-feeding a baby.</p> <p>Tell your doctor about all other medications that you take.</p>	<p>Tell your doctor if you are thinking about having a baby, are pregnant now or are breast-feeding a baby.</p> <p>Tell your doctor about all other medications that you take.</p>	<p>ever abused or been dependent on alcohol, prescription medicines or street drugs.</p> <p>Tell your doctor if anyone in your family suddenly died or died from a heart problem.</p> <p>Tell your doctor if you have ever abused or been dependent on alcohol or drugs or if you are now abusing or are dependent on alcohol or drugs.</p> <p>Tell your doctor if you are thinking about having a baby, are pregnant now or are breast-feeding a baby.</p> <p>Tell your doctor about all other medications that you take.</p>	<p>Tell your doctor if anyone in your family suddenly died or died from a heart problem.</p> <p>Tell your doctor if you have ever abused or been dependent on alcohol or drugs or if you are now abusing or are dependent on alcohol or drugs.</p> <p>Tell your doctor if you are thinking about having a baby, are pregnant now or are breast-feeding a baby.</p> <p>Tell your doctor about all other medications that you take.</p>
<b>What are the possible serious side effects?</b>	None listed by Health Canada	None listed by Health Canada	None listed by Health Canada	None listed by Health Canada
<b>What other things should I know?</b>	<p>Due to the fact the drug works for only a few hours and must be taken 2 or 3 times a day, immediate release methylphenidate is not considered a drug of choice. See table above on long-acting medications.</p>	<p>Due to the fact the drug is not absorbed in a predictable way and may act differently on different days, Ritalin SR and Apo-methylphenidate SR are NOT recommended. See table above on long-acting medications.</p>	<p>Amphetamines have been subject to extensive abuse. Tolerance, extreme psychological dependence, and severe social disability can occur</p>	<p>Amphetamines have been subject to extensive abuse. Tolerance, extreme psychological dependence, and severe social disability can occur</p>
<b>Link to Health Canada approved consumer information</b>	<p><a href="http://205.193.93.51/dpdonline/displayInfo.do?drugCode=O%2Fi0T9AfgJA%3D">http://205.193.93.51/dpdonline/displayInfo.do?drugCode=O%2Fi0T9AfgJA%3D</a></p> <p>Click on Product Monograph and then go to Information for the consumer section</p>	<p><a href="http://205.193.93.51/dpdonline/displayInfo.do?drugCode=OWGMBY%2FDj0M%3D">http://205.193.93.51/dpdonline/displayInfo.do?drugCode=OWGMBY%2FDj0M%3D</a></p> <p>Click on Product Monograph and then go to Information for the patient section</p>	<p><a href="http://205.193.93.51/dpdonline/displayInfo.do?drugCode=n1tKic8CIuw%3D">http://205.193.93.51/dpdonline/displayInfo.do?drugCode=n1tKic8CIuw%3D</a></p> <p>Click on Product Monograph and then to Consumer Information section</p>	<p><a href="http://205.193.93.51/dpdonline/displayInfo.do?drugCode=n1tKic8CIuw%3D">http://205.193.93.51/dpdonline/displayInfo.do?drugCode=n1tKic8CIuw%3D</a></p> <p>Click on Product Monograph and then to Consumer Information section</p>