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Dexamethylphenidate

Generic name: dexamethylphenidate [*dex-METH-il-FEN-i-date*]**Brand names:** [Focalin](#), [Focalin XR](#)**Dosage forms:** oral capsule, extended release (10 mg; 15 mg; 20 mg; 25 mg; 30 mg; 35 mg; 40 mg; 5 mg), ... [show all 2 dosage forms](#)**Drug class:** [CNS stimulants](#)[Medically reviewed](#) by Drugs.com on Aug 15, 2024. Written by [Cerner Multum](#).[Uses](#) [Side effects](#) [Warnings](#) [Before taking](#) [Dosage](#) [Interactions](#)

What is dexamethylphenidate?

Dexamethylphenidate is a stimulant that is used to treat attention deficit hyperactivity disorder (ADHD).

Dexamethylphenidate may also be used for purposes not listed in this medication guide.

Dexamethylphenidate side effects

Get emergency medical help if you have **signs of an allergic reaction**: fever; hives; difficulty breathing; swelling of your face, lips, tongue, or throat.

Dexamethylphenidate may cause serious side effects. Call your doctor at once if you have:

- **signs of heart problems**--chest pain, trouble breathing, feeling like you might pass out;
- **signs of psychosis**--hallucinations (seeing or hearing things that are not real), new thought or behavior problems, aggression, hostility, paranoia;
- **signs of circulation problems**--numbness, pain, cold feeling, unexplained wounds, or skin color changes (pale, red, or blue appearance) in your fingers or toes; or
- penis erection that is painful or lasts 4 hours or longer.

Seek medical attention right away if you have symptoms of serotonin syndrome, such as: agitation, hallucinations, fever, sweating, shivering, [fast heart rate](#), muscle stiffness, twitching, loss of coordination, nausea, vomiting, or diarrhea.

Dexamethylphenidate can affect growth in children. Your child's height and weight may need to be checked often. Tell your doctor if your child is not growing at a normal rate.

Common side effects of dexamethylphenidate may include:

- loss of appetite;

- nausea, stomach pain; or
- fever.

This is not a complete list of side effects and others may occur. Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

 [Dexmethylphenidate side effects](#) (more detail)

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Warnings

Stimulants have caused stroke, heart attack, and sudden death in people with high blood pressure, heart disease, or a heart defect.

Dexmethylphenidate may cause new or worsening psychosis (unusual thoughts or behavior), especially if you have a history of [depression](#), mental illness, or [bipolar disorder](#).

Call your doctor right away if you have: **signs of heart problems**--chest pain, feeling light-headed or short of breath; or **signs of psychosis**--paranoia, aggression, new thought or behavior problems, seeing or hearing things that are not real.

Dexmethylphenidate may be habit-forming. Tell your doctor if you have a history of drug or alcohol addiction. Keep the medication where others cannot get to it.

Before taking this medicine

You should not take dexmethylphenidate if you are allergic to dexmethylphenidate or [methylphenidate](#) (Ritalin, Concerta).

Stimulants have caused stroke, heart attack, and sudden death in certain people. Tell your doctor if you have:

- heart problems or a congenital heart defect;
- [high blood pressure](#); or
- a family history of [heart disease](#) or sudden death.

Do not use dexmethylphenidate if you have used an MAO inhibitor in the past 14 days. A dangerous [drug interaction](#) could occur. MAO inhibitors include [isocarboxazid](#), [linezolid](#), [methylene blue](#) injection, [phenelzine](#), and [tranylcypromine](#).

Tell your doctor if you also use opioid medicine, [herbal products](#), or medicine for depression, mental illness, [Parkinson's disease](#), migraine headaches, serious infections, or prevention of nausea and vomiting. **An interaction with dexmethylphenidate could cause a serious condition called serotonin syndrome.**

Tell your doctor if you or anyone in your family has ever had:

- depression, mental illness, bipolar disorder, psychosis, or suicidal thoughts or actions;
- blood circulation problems in the hands or feet; or
- [alcoholism](#) or [drug addiction](#).

Becoming dependent on this medicine during pregnancy can cause premature birth or low birth weight. Tell your doctor if you are pregnant or plan to become pregnant. If you are pregnant, your name may be listed on a pregnancy registry to track the effects of dexmethylphenidate on the baby.

Ask a doctor if it is safe to breastfeed while using this medicine.

Not approved for use by anyone younger than 6 years old.

How should I take dexmethylphenidate?

Follow all directions on your prescription label and read all medication guides or instruction sheets. Your doctor may occasionally change your dose. Use the medicine exactly as directed.

Dexmethylphenidate may be habit-forming. **Misuse can cause addiction, overdose, or death.** Keep the medication where others cannot get to it. Selling or giving away this medicine is against the law.

Dexmethylphenidate is usually taken twice per day, at least 4 hours apart.

You may take dexmethylphenidate with or without food. Take the **regular tablet** twice daily, at least 4 hours apart. Take the **extended-release capsule** once daily in the morning.

Swallow the **extended-release capsule** whole and do not crush, chew, break, or open it.

If you cannot swallow a capsule whole, open it and mix the medicine with applesauce. Swallow the mixture right away without chewing.

Your doctor will need to check your progress on a regular basis. Your heart and blood pressure may also need to be checked often.

Tell your doctor if you have a planned surgery.

Your treatment may also include counseling or other treatments.

Store tightly closed at room temperature, away from moisture, heat, and light. Keep your medicine in a place where no one can use it improperly.

 [Detailed Dexmethylphenidate dosage information](#)

What happens if I miss a dose?

Take the medicine as soon as you can, but skip the missed dose if it is almost time for your next dose. **Do not** take two doses at one time.

What happens if I overdose?

Seek emergency medical attention or call the Poison Help line at 1-800-222-1222. **An overdose of dexmethylphenidate could be fatal.**

Overdose symptoms may include [dry mouth](#), vomiting, agitation, tremor, muscle twitches, confusion, hallucinations, dilated pupils, [muscle pain](#) or weakness, fever, sweating, headache, pounding in your neck or ears, fast or pounding heartbeats, seizure (convulsions), or coma.

What should I avoid while taking dexmethylphenidate?

Follow your doctor's instructions about any restrictions on food, beverages, or activity.

What other drugs will affect dexmethylphenidate?

Tell your doctor about all your other medicines, especially:

- an antidepressant; or
- blood pressure medication.

This list is not complete. Other drugs may affect dexmethylphenidate, including prescription and over-the-counter medicines, vitamins, and herbal products. Not all possible [drug interactions](#) are listed here.

 [Dexmethylphenidate drug interactions](#) (more detail)

Does dexmethylphenidate interact with my other drugs?

Enter medications to view a detailed interaction report using our [Drug Interaction Checker](#).

dexmethylphenidate

+

Enter a drug name

Add

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Patient resources

- [Dexmethylphenidate Tablets patient information](#)
- [Dexmethylphenidate Extended-Release Capsules](#)

Other brands

[Focalin](#), [Focalin XR](#)

Professional resources

- [Dexmethylphenidate Hydrochloride and Serdexmethylphenidate Chloride monograph](#)
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Other brands

Related treatment guides

- [Auditory Processing Disorder](#)
- [ADHD](#)

Further information

Remember, keep this and all other medicines out of the reach of children, never share your medicines with others, and use this medication only for the indication prescribed.

Always consult your healthcare provider to ensure the information displayed on this page applies to your personal circumstances.

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DRUG STATUS

Availability	
Rx	Prescription only
Pregnancy & Lactation	
	Risk data available
CSA Schedule*	
2	High potential for abuse
Approval History	
	Drug history at FDA

User Reviews & Ratings

6.1 / 10

[295 Reviews](#)

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[Dexmethylphenidate Hydrochloride Extended-Release 20 mg \(IX 685\)](#)



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