



[Home](#)

2. [Lisdexamfetamine](#)

Lisdexamfetamine

Generic name: lisdexamfetamine [*lis-dex-am-FET-a-meen*]

Brand name: [Vyvanse](#)

Dosage forms: oral capsule (10 mg; 20 mg; 30 mg; 40 mg; 50 mg; 60 mg; 70 mg), oral tablet, chewable (10 mg; 20 mg; 30 mg; 40 mg; 50 mg; 60 mg)

Drug class: [CNS stimulants](#)



[Medically reviewed](#) by Drugs.com on Aug 8, 2024. Written by [Cerner Multum](#).

[Uses](#) [Side effects](#) [Warnings](#) [Before taking](#) [Dosage](#) [Interactions](#) [FAQ](#)

What is lisdexamfetamine?

Lisdexamfetamine is a central nervous system stimulant. It affects chemicals in the brain and nerves that contribute to hyperactivity and impulse control.

Lisdexamfetamine is used to treat attention deficit hyperactivity disorder (ADHD) in adults and in children who are at least 6 years old.

Lisdexamfetamine is also used to treat moderate to severe [binge eating disorder](#) in adults. **lisdexamfetamine is not to be used for obesity or weight loss.**

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

Lisdexamfetamine side effects

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

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

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


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.

Lisdexamfetamine can affect growth in children. Tell your doctor if your child is not growing at a normal rate while using this medicine.

Common side effects of lisdexamfetamine may include:

- dry mouth, loss of appetite, [weight loss](#);
- sleep problems (insomnia);
- fast heart rate, feeling jittery;
- dizziness, feeling anxious or irritable; or
- nausea, vomiting, stomach pain, diarrhea, [constipation](#).

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.

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

Related/similar drugs

Adderall

Adderall (amphetamine and dextroamphetamine) is used to treat narcolepsy and ADHD. Includes side ...

Reviews & ratings

7.2 / 10

[505 Reviews](#)

[View more](#)

Vyvanse

Vyvanse is a prescription stimulant used to treat ADHD in children and adults, and binge eating ...

Reviews & ratings

7.4 / 10

[973 Reviews](#)

[View more](#)

FEATURED

Xywav

Xywav is used for the treatment of cataplexy and excessive daytime sleepiness (EDS) in patients ...

Reviews & ratings

Reviews & ratings

8.1 / 10

[16 Reviews](#)

[View more](#)

Strattera

Strattera (atomoxetine) is used to treat attention deficit hyperactivity disorder.

Learn about side ...

Reviews & ratings

5.4 / 10

[541 Reviews](#)

[View more](#)

Concerta

Concerta is used to treat attention deficit disorder (ADD) and attention deficit hyperactivity ...

Reviews & ratings

6.9 / 10

[424 Reviews](#)

[View more](#)

Ritalin

Ritalin (methylphenidate) is used to treat attention deficit disorder (ADD) and narcolepsy ...

Reviews & ratings

7.0 / 10

[221 Reviews](#)

[View more](#)

Focalin

Focalin (dexamethylphenidate) is used to treat attention deficit hyperactivity disorder (ADHD) ...

Reviews & ratings

5.6 / 10

[139 Reviews](#)

[View more](#)

Warnings

Lisdexamfetamine may be habit-forming, and lisdexamfetamine is a drug of abuse. **Tell your doctor if you have had problems with drug or alcohol abuse.**

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

Do not use lisdexamfetamine if you have used an MAO inhibitor in the past 14 days, such as [isocarboxazid](#), linezolid, [methylene blue](#) injection, [phenelzine](#), rasagiline, selegiline, or [tranylcypromine](#).

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

You may have blood circulation problems that can cause numbness, pain, or discoloration in your fingers or toes.

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

What should I discuss with my doctor before taking lisdexamfetamine?

You should not use lisdexamfetamine if you are allergic to it.

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

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.

To make sure this medicine is safe for you, **tell your doctor if you or anyone in your family has ever had:**

- depression, mental illness, bipolar disorder, psychosis, or suicidal thoughts or actions;
- kidney disease;
- [coronary artery disease](#) (clogged arteries);
- blood circulation problems in the hands or feet; or
- drug or alcohol addiction.

Some medicines can interact with lisdexamfetamine and cause a serious condition called **serotonin syndrome**. Be sure

your doctor knows if you also take stimulant medicine, opioid medicine, [herbal products](#), or medicine for depression, mental illness, [Parkinson's disease](#), migraine headaches, serious infections, or prevention of nausea and vomiting. **Ask your doctor before making any changes in how or when you take your medications.**

It is not known whether this medicine will harm an unborn baby. However, taking the medicine during pregnancy can cause premature birth, low birth weight, or withdrawal symptoms in the newborn baby. Tell your doctor if you are pregnant or plan to become pregnant.

Lisdexamfetamine can pass into breast milk and may cause side effects in the nursing baby. You should not breast-feed while using this medicine.

Lisdexamfetamine is not approved to treat **ADHD** in a child younger than 6 years old. Lisdexamfetamine is not approved to treat **binge eating disorder** in anyone younger than 18 years old.

How should I take lisdexamfetamine?

Follow all directions on your prescription label. Your doctor may occasionally change your dose. Do not take lisdexamfetamine in larger or smaller amounts or for longer than recommended.

Lisdexamfetamine may be habit-forming. **Never share lisdexamfetamine with another person, especially someone with a history of drug abuse or addiction.** Keep the medication in a place where others cannot get to it. Selling or giving away this medicine is against the law.

Take lisdexamfetamine with or without food, first thing in the morning.

Read all patient information, medication guides, and instruction sheets provided to you. Ask your doctor or pharmacist if you have any questions.

The **chewable tablet** must be chewed before you swallow it.

Do not crush, chew, break, or divide a lisdexamfetamine **capsule**. Swallow it whole.

To make swallowing easier, you may open the lisdexamfetamine capsule and sprinkle the medicine into a glass of water or orange juice, or mix it with yogurt. After the medicine has dissolved, drink or eat the mixture right away. Do not save for later use.

While using this medicine, your doctor will need to check your progress at regular visits. **Tell any doctor who treats you that you are using this medicine.**

Store at room temperature away from moisture, heat, and light. Keep track of your medicine. Lisdexamfetamine is a drug of abuse and you should be aware if anyone is using your medicine improperly or without a prescription.

Throw away unused or expired lisdexamfetamine in a sealed container or bag. Ask your pharmacist where to locate a community pharmaceutical take back disposal program.

 [Lisdexamfetamine patient tips](#) (more detail)

Lisdexamfetamine dosing information

Usual Adult Dose for Attention Deficit Disorder:

Initial dose: 30 mg orally once a day in the morning

Maintenance dose: 30 mg to 70 mg per day; may adjust dosage in increments of 10 mg or 20 mg at approximately weekly intervals.

Maximum dose: 70 mg per day

Comments: Prior to treatment, assess for the presence of cardiac disease and the risk of abuse.

Use: Attention Deficit Hyperactivity Disorder (ADHD)

Usual Adult Dose for Eating Disorder:

Initial dose: 30 mg orally once a day in the morning

Maintenance dose: 50 mg to 70 mg per day; titrate dose in increments of 20 mg at approximately weekly intervals.

Maximum dose: 70 mg per day

Comments: Discontinue this drug if binge eating does not improve.

Use: Moderate to Severe Binge Eating Disorder

Usual Pediatric Dose for Attention Deficit Disorder:

Age 6 to 17 Years:

Initial dose: 30 mg orally once a day in the morning

Maintenance dose: 30 mg to 70 mg per day; may adjust dosage in increments of 10 mg or 20 mg at approximately weekly intervals.

Maximum dose: 70 mg per day

Comments: Prior to treatment, assess for the presence of cardiac disease and the risk of abuse.

Use: Attention Deficit Hyperactivity Disorder (ADHD)

 [Detailed Lisdexamfetamine dosage information](#)

What happens if I miss a dose?

Take the missed dose as soon as you remember, but not late in the day. Skip the missed dose if it is almost evening. **Do not** take extra medicine to make up the missed dose.

What happens if I overdose?

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

Overdose symptoms may include restlessness, tremor, muscle twitches, rapid breathing, hostility, violence, panic, [muscle pain](#) or weakness, and dark colored urine. These symptoms may be followed by depression and tiredness. Overdose may also cause seizure or coma.

What should I avoid while taking lisdexamfetamine?

Lisdexamfetamine may impair your thinking or reactions. Be careful if you drive or do anything that requires you to be alert.

What other drugs will affect lisdexamfetamine?

Ask your doctor before using a stomach acid medicine (including [Alka-Seltzer](#) or [sodium bicarbonate](#)). Some of these medicines can change the way your body absorbs lisdexamfetamine, and may increase side effects.

Other drugs may interact with lisdexamfetamine, including prescription and over-the-counter medicines, vitamins, and herbal products. Tell your doctor about all your current medicines and any medicine you start or stop using.

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

Does lisdexamfetamine interact with my other drugs?

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

+

Add

Popular FAQ

How soon for Vyvanse to start working and how long does it last?



More FAQ

- [Does Vyvanse \(lisdexamfetamine\) show up on a drug test?](#)
- [Ritalin vs Vyvanse - What's the difference between them?](#)

[View more FAQ...](#)

More about lisdexamfetamine

- [Check interactions](#)
- [Compare alternatives](#)
- [Pricing & coupons](#)
- [Reviews \(1,088\)](#)
- [Drug images](#)
- [Side effects](#)
- [Dosage information](#)

- [Patient tips](#)
- [During pregnancy](#)
- [Drug class: CNS stimulants](#)
- [Breastfeeding](#)
- [En español](#)

Patient resources

- [Lisdexamfetamine Chewable Tablets patient information](#)
- [Lisdexamfetamine Capsules](#)

Other brands

[Vyvanse](#)

Professional resources

- [Lisdexamfetamine Dimesylate monograph](#)
- [Lisdexamfetamine Dimesylate Capsules \(FDA\)](#)
- [Lisdexamfetamine Dimesylate Chewable Tablets \(FDA\)](#)

Other brands

[Vyvanse](#)

Related treatment guides

- [Chronic Fatigue Syndrome](#)
- [ADHD](#)
- [Asperger Syndrome](#)
- [Binge Eating Disorder](#)

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.

[Medical Disclaimer](#)

Copyright 1996-2025 Cerner Multum, Inc. Version: 8.01.

Availability

Rx Prescription only


Pregnancy & Lactation

 Risk data available


CSA Schedule*

2 High potential for abuse

Approval History

 Drug history at FDA

WADA Class

 Anti-Doping Classification



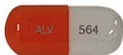
User Reviews & Ratings

7.5 / 10

[1,088 Reviews](#)

Images

[Lisdexamfetamine Dimesylate 40 mg \(ALV 565\)](#)



[View larger images](#)

Drugs.com Mobile App

Access drug & treatment information, identify pills, check interactions and set up personal medication records.



About

[About Drugs.com](#)

[Advertising policy](#)

[Attribution & citations](#)

Terms & privacy

[Terms of use](#)

[Editorial policy](#)

[Privacy policy](#)

Support

[Help center](#)

[Sitemap](#)

[Contact us](#)





[Subscribe to our newsletter](#) for the latest medication news, new drug approvals and FDA alerts.

Drugs.com provides accurate and independent information on more than 24,000 prescription drugs, over-the-counter medicines and natural products. This material is provided for educational purposes only and is not intended for medical advice, diagnosis or treatment. Data sources include Micromedex (updated 7 Apr 2025), Cerner Multum™ (updated 13 Apr 2025), ASHP (updated 10 Apr 2025) and others.



Ad Choices
ADVERTISEMENT



Copyright © 2000-2025 Drugs.com. All rights reserved.