Memorial Sloan Kettering Cancer Center

PATIENT & CAREGIVER EDUCATION

# Dextroamphetamine

This information from Lexicomp® explains what you need to know about this medication, including what it's used for, how to take it, its side effects, and when to call your healthcare provider.

## Brand Names: US

Dexedrine; ProCentra; Xelstrym; Zenzedi

## Brand Names: Canada

ACT Dextroamphetamine SR; Dexedrine

## Warning

- This drug has a high risk of abuse and misuse. This can lead to a substance use disorder like addiction. Misuse or abuse of this drug can lead to overdose or death. The risk is higher with higher doses or when used in ways that are not approved like snorting or injecting it. Do not give this drug to anyone else. This drug may also be habit-forming if taken for a long time. Do not take for longer than you have been told by your doctor. Use only as you were told. Tell your doctor if you have ever abused or been addicted to any drugs or alcohol. You will be watched closely to make sure you do not misuse, abuse, or become addicted to this drug. Keep all drugs in a safe place. Keep all drugs out of the reach of children and pets. Throw away unused or expired drugs as you have been told.

## What is this drug used for?

- It is used to treat attention deficit problems with hyperactivity.
- It is used to treat narcolepsy.
- It may be given to you for other reasons. Talk with the doctor.

## What do I need to tell my doctor BEFORE I take this drug?

- If you are allergic to this drug; any part of this drug; or any other drugs, foods, or substances. Tell your doctor about the allergy and what signs you had.
- If you or a family member have any of these health problems: Blood vessel disease, high blood pressure, heart structure problems or other heart problems, or Tourette’s syndrome or tics.
- If you have any of these health problems: Glaucoma, agitation, anxiety, or overactive thyroid.
- If you have ever had any of these health problems: Drug abuse or stroke.
- If you are taking any of these drugs: Acetazolamide or sodium bicarbonate.
- If you have taken certain drugs for depression or Parkinson’s disease in the last 14 days. This includes isocarboxazid, phenelzine, tranylcypromine, selegiline, or rasagiline. Very high blood pressure may happen.
- If you are taking any of these drugs: Linezolid or methylene blue.
- If you are breast-feeding. Do not breast-feed while you take this drug.

This is not a list of all drugs or health problems that interact with this drug.

Tell your doctor and pharmacist about all of your drugs (prescription or OTC, natural products, vitamins) and health problems. You must check to make sure that it is safe for you to take this drug with all of your drugs and health problems. Do not start, stop, or change the dose of any drug without

checking with your doctor.

## What are some things I need to know or do while I take this drug?

### All products:

- Tell all of your health care providers that you take this drug. This includes your doctors, nurses, pharmacists, and dentists.
- Avoid driving and doing other tasks or actions that call for you to be alert or have clear eyesight until you see how this drug affects you.
- If you have been taking this drug for a long time or at high doses, it may not work as well and you may need higher doses to get the same effect. This is known as tolerance. Call your doctor if this drug stops working well. Do not take more than ordered.
- Long-term or regular use of this drug may lead to dependence. Stopping this drug all of a sudden may lead to signs of withdrawal. Talk to your doctor before you lower the dose or stop this drug. You will need to follow your doctor’s instructions. Tell your doctor if you have any bad effects.
- You may need to have some heart tests before starting this drug. If you have questions, talk with your doctor.
- This drug may cause high blood pressure. Call your doctor right away if you have signs of high blood pressure like severe headache or dizziness, passing out, or change in eyesight.
- Check blood pressure and heart rate as the doctor has told you.
- Talk with your doctor before using OTC products that may raise blood pressure. These include cough or cold drugs, diet pills, stimulants, non-steroidal anti-inflammatory drugs (NSAIDs) like ibuprofen or naproxen, and some natural products or aids.
- This drug may affect certain lab tests. Tell all of your health care providers and lab workers that you take this drug.
- This drug may raise the chance of seizures in some people, including

people who have had seizures in the past. Talk to your doctor to see if you have a greater chance of seizures while taking this drug.

- New or worse behavior and mood changes like change in thinking, anger, and hallucinations have happened with this drug. Tell your doctor if you or a family member have any mental or mood problems like depression or bipolar illness, or if a family member has committed suicide. Call your doctor right away if you have hallucinations; change in the way you act; or signs of mood changes like depression, thoughts of suicide, nervousness, emotional ups and downs, thinking that is not normal, anxiety, or lack of interest in life.
- This drug may affect growth in children and teens in some cases. They may need regular growth checks. Talk with the doctor.
- Tell your doctor if you are pregnant or plan on getting pregnant. You will need to talk about the benefits and risks of using this drug while you are pregnant.

### Skin patch:

- Avoid use of heat sources (such as sunlamps, tanning beds, heating pads, electric blankets, heat lamps, saunas, hot tubs, heated waterbeds). Avoid long, hot baths or sunbathing. Your temperature may rise and cause too much drug to pass into your body.
- This drug may cause harm if chewed or swallowed. This includes used patches. If this drug has been put in the mouth, call a doctor or poison control center right away.

## What are some side effects that I need to call my doctor about right away?

**WARNING/CAUTION:** Even though it may be rare, some people may have very bad and sometimes deadly side effects when taking a drug. Tell your doctor or get medical help right away if you have any of the following signs or symptoms that may be related to a very bad side effect:

## All products:

- Signs of an allergic reaction, like rash; hives; itching; red, swollen, blistered, or peeling skin with or without fever; wheezing; tightness in the chest or throat; trouble breathing, swallowing, or talking; unusual hoarseness; or swelling of the mouth, face, lips, tongue, or throat.
- Restlessness.
- Shakiness.
- Trouble controlling body movements.
- Trouble controlling sounds, like humming, throat clearing, yelling, or making loud noises.
- Change in eyesight or eye pain, swelling, or redness.
- Not able to get or keep an erection.
- Change in sex interest.
- Seizures.
- Stomach pain.
- Muscle pain or weakness, dark urine, or trouble passing urine.
- Erections (hard penis) that happen often or that last a long time.
- Change in color of hands, feet, or other areas. Skin may turn pale, blue, gray, purple, or red.
- Numbness, pain, tingling, or cold feeling of the hands or feet.
- Any sores or wounds on the fingers or toes.
- Sudden deaths have happened in people with some heart problems or heart defects. Tell your doctor if you have any heart problem or defect. Get medical help right away if you have any signs of heart problems like chest pain, abnormal heartbeat, or severe dizziness or passing out.
- A severe and sometimes deadly problem called serotonin syndrome may happen if you take this drug with certain other drugs. Call your doctor right away if you have agitation; change in balance; confusion; hallucinations; fever; fast or abnormal heartbeat; flushing; muscle

twitching or stiffness; seizures; shivering or shaking; sweating a lot; severe diarrhea, upset stomach, or throwing up; or severe headache.

### Skin patch:

- Swelling or blisters where this drug is put on.

## What are some other side effects of this drug?

All drugs may cause side effects. However, many people have no side effects or only have minor side effects. Call your doctor or get medical help if any of these side effects or any other side effects bother you or do not go away:

### All oral products:

- Dizziness or headache.
- Dry mouth.
- Trouble sleeping.
- Constipation, diarrhea, upset stomach, or decreased appetite.
- Weight loss.
- Bad taste in your mouth.
- Feeling nervous and excitable.
- Hair loss.

### Skin patch:

- Decreased appetite.
- Headache.
- Trouble sleeping.
- Upset stomach or throwing up.
- People using this drug may get skin reactions where this drug is used. These reactions may include burning or stinging, itching, pain, or redness. Call your doctor if you have skin reactions that are very bad, bother you, or do not go away.

These are not all of the side effects that may occur. If you have questions about side effects, call your doctor. Call your doctor for medical advice about side effects.

You may report side effects to your national health agency.

You may report side effects to the FDA at 1-800-332-1088. You may also report side effects at https://www.fda.gov/medwatch.

## How is this drug best taken?

Use this drug as ordered by your doctor. Read all information given to you. Follow all instructions closely.

### All oral products:

- Take with or without food.
- To prevent sleep problems, avoid taking this drug late in the day.
- Avoid taking this drug with fruit juice.
- Take this drug at the same time of day.

### Liquid:

- Measure liquid doses carefully. Use the measuring device that comes with this drug. If there is none, ask the pharmacist for a device to measure this drug.

### Capsules:

- Swallow whole. Do not chew, break, or crush.

### Skin patch:

- Do not take this drug by mouth. Use on your skin only.
- Put the patch on 2 hours before the effects of this drug are needed. Take the patch off within 9 hours after putting it on unless the doctor tells you otherwise.

- Do not put on more than 1 patch at a time.
- Do not use more than 1 patch within 24 hours.
- Put patch on clean, dry, healthy skin on the hip, upper arm, chest, upper back, or side of the waist.
- Do not use this drug if it is cut, damaged, or changed in any way.
- Do not put on cuts, scrapes, or damaged skin.
- If there is hair where you are putting the patch, clip the hair as close to the skin as you can. Do not shave the hair.
- Do not put on skin where you have just used creams, oils, lotions, powder, or other skin products. The patch may not stick as well.
- Wash your hands after use.
- Move the site where you put this drug on with each dose.
- Do not touch the sticky side of the patch. If you do, wash your hands with soap and water right away. Do NOT use hand sanitizer or another product with alcohol instead of soap and water.
- Check to see if the patch is still sticking during the day. This includes after you bathe, shower, or swim. Read the package insert for more details.
- If the patch loosens at the edges, press the edges firmly. Do not use dressings, tape, or other sticky items to hold the patch in place. If the patch comes off, put a new patch on a different site. Take the patch off at the regular time. Do not leave this drug on the skin for longer than 9 hours in the same day.
- After you take off a skin patch, be sure to fold the sticky sides of the patch to each other. Throw away used patches where children and pets cannot get to them.
- To prevent sleep problems, avoid putting this drug on late in the day.

# What do I do if I miss a dose?

## All oral products:

- Take a missed dose as soon as you think about it.
- If it is close to the time for your next dose, skip the missed dose and go back to your normal time.
- Do not take 2 doses at the same time or extra doses.

## Skin patch:

- If needed, put on a missed dose as soon as you think about it. Do not leave on for more than 9 hours.
- Do not put on 2 doses at the same time or extra doses.

# How do I store and/or throw out this drug?

## All products:

- Store at room temperature protected from light. Store in a dry place. Do not store in a bathroom.
- Store this drug in a safe place where children cannot see or reach it, and where other people cannot get to it. A locked box or area may help keep this drug safe. Keep all drugs away from pets.
- Throw away unused or expired drugs. Do not flush down a toilet or pour down a drain unless you are told to do so. Check with your pharmacist if you have questions about the best way to throw out drugs. There may be drug take-back programs in your area.

## Skin patch:

- Store patches in pouch until ready for use.

## General drug facts

- If your symptoms or health problems do not get better or if they become worse, call your doctor.
- Do not share your drugs with others and do not take anyone else's drugs.
- Some drugs may have another patient information leaflet. If you have any questions about this drug, please talk with your doctor, nurse, pharmacist, or other health care provider.
- This drug comes with an extra patient fact sheet called a Medication Guide. Read it with care. Read it again each time this drug is refilled. If you have any questions about this drug, please talk with the doctor, pharmacist, or other health care provider.
- If you think there has been an overdose, call your poison control center or get medical care right away. Be ready to tell or show what was taken, how much, and when it happened.

## Consumer Information Use and Disclaimer

This generalized information is a limited summary of diagnosis, treatment, and/or medication information. It is not meant to be comprehensive and should be used as a tool to help the user understand and/or assess potential diagnostic and treatment options. It does NOT include all information about conditions, treatments, medications, side effects, or risks that may apply to a specific patient. It is not intended to be medical advice or a substitute for the medical advice, diagnosis, or treatment of a health care provider based on the health care provider's examination and assessment of a patient's specific and unique circumstances. Patients must speak with a health care provider for complete information about their health, medical questions, and treatment options, including any risks or benefits regarding use of medications. This information does not endorse any treatments or medications as safe, effective, or approved for treating a specific patient. UpToDate, Inc. and its affiliates disclaim any warranty or liability relating to this information or the use thereof. The use of this information is governed by the Terms of Use, available at https://www.wolterskluwer.com/en/know/clinical-effectiveness-terms.

## Last Reviewed Date

2023-10-27

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If you have any questions, contact a member of your care team directly. If you're a patient at MSK and you need to reach a provider after 5 p.m., during the weekend, or on a holiday, call 212-639-2000.

For more resources, visit www.mskcc.org/pe to search our virtual library.

Dextroamphetamine - Last updated on December 12, 2022
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