PATIENT & CAREGIVER EDUCATION

Ondansetron

This information from UpToDate® Lexidrug™ 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: Canada

ACCEL-Ondansetron; ACCEL-Ondansetron ODT; APO-Ondansetron; ATHENA-Ondansetron ODT; AURO-Ondansetron; Auro-Ondansetron ODT; CCP-Ondansetron [DSC]; EUGIA-Ondansetron; JAMP Ondansetron; JAMP-Ondansetron; JAMP-Ondansetron ODF; Mar-Ondansetron; MAR-Ondansetron ODT; MINT-Ondansetron; MINT-Ondansetron ODT; MYLAN-Ondansetron; NAT-Ondansetron; NRA-Ondansetron; Ondansetron ODT; Ondissolve ODF; PMS-Ondansetron; PMS-Ondansetron ODT; SANDOZ Ondansetron; TEVA Ondansetron; Zofran ODT

What is this drug used for?

- It is used to treat or prevent upset stomach and throwing up.

What do I need to tell the doctor BEFORE my child takes this drug?

- If your child is allergic to this drug; any part of this drug; or any other drugs, foods, or substances. Tell the doctor about the allergy and what signs your child had.
- If your child has a long QT on ECG.
- If your child has any of these health problems: Low calcium, magnesium, or potassium levels.
- If your child is taking apomorphine.

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

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

What are some things I need to know or do while my child takes this drug?

- Tell all of your child's health care providers that your child is taking this drug. This includes your child's

doctors, nurses, pharmacists, and dentists.

- If your child has phenylketonuria (PKU), talk with your child's doctor. Some products have phenylalanine.

If your child is pregnant or breast-feeding a baby:

- Talk with the doctor if your child is pregnant, becomes pregnant, or is breast-feeding a baby. You will need to talk about the benefits and risks to your child and the baby.

What are some side effects that I need to call my child's 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 child's doctor or get medical help right away if your child has any of the following signs or symptoms that may be related to a very bad side effect:

- 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.
- Trouble passing urine.
- Dizziness.

- Sudden chest pain or tightness.
- A type of abnormal heartbeat (prolonged QT interval) has happened with this drug. Sometimes, this has led to another type of unsafe abnormal heartbeat (torsades de pointes). Call your child's doctor right away if your child has a fast or abnormal heartbeat, or if your child passes out.
- A severe and sometimes deadly problem called serotonin syndrome may happen. The risk may be greater if your child also takes certain other drugs. Call your child's doctor right away if your child has agitation; change in balance; confusion; hallucinations; fever; a fast or abnormal heartbeat; flushing; muscle twitching or stiffness; seizures; shivering or shaking; sweating a lot; severe diarrhea, upset stomach, or throwing up; or very bad headache.
- This drug may make it harder to see the signs of a bowel block in people who have had surgery in the stomach area or upset stomach and throwing up after chemo. Call the doctor right away if your child has stomach pain or swelling of the stomach area.

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 child's doctor or get medical help if any of these side effects or any other side effects bother your child or do not go away:

- Headache.
- Feeling tired or weak.
- Diarrhea or constipation.
- Feeling sleepy.
- Anxiety.

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

You may report side effects to your national health agency.

How is this drug best given?

Give this drug as ordered by your child's doctor. Read all information given to you. Follow all instructions closely.

All oral products:

- Give this drug with or without food.

Oral-disintegrating tablet:

- If the tablets come in a foil blister, do not push the tablet out of the foil when opening. Use dry hands to take it from the foil.
- Open right before use.
- Place on your child's tongue and let it dissolve. Water is not needed. Do not let your child swallow it whole. Do not let your child chew, break, or crush it.

Liquid (solution):

- 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.

Oral film:

- Open right before use.
- Do not use this drug if it is cut, damaged, or changed in any way.
- Be sure your hands are dry before you touch this drug.
- Be sure your child's mouth is empty when you give your child this drug.
- Put film on tongue and let it dissolve. Water is not needed. If using more than 1 film, let each film dissolve all the way before using the next film.

- Wash your hands after use.
- If your child throws up after taking this drug, do not repeat the dose.

Injection:

- It is given as a shot into a vein.
- It is given as a shot into a muscle or as an infusion into a vein over a period of time.

What do I do if my child misses a dose?
All oral products except oral film:

- If your child takes this drug on a regular basis, give a missed dose as soon as you think about it.
- If it is close to the time for your child's next dose, skip the missed dose and go back to your child's normal time.
- Do not give 2 doses at the same time or extra doses.
- Many times this drug is given on an as needed basis. Do not give to your child more often than told by the doctor.

Oral film:

- If your child misses a dose and does not have an upset stomach, skip the missed dose and go back to your child's normal time.
- If your child misses a dose and has an upset stomach or

throws up, give the missed dose as soon as possible.

- Do not give 2 doses at the same time or extra doses.
- Many times this drug is given on an as needed basis. Do not give to your child more often than told by the doctor.

Injection:

- Call your child's doctor to find out what to do.

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

All oral products:

- Store at room temperature protected from light. Store in a dry place. Do not store in a bathroom.

Oral film:

- Store in original container.

Liquid (solution):

- Store upright with the cap on.

Injection:

- If you need to store this drug at home, talk with your child's doctor, nurse, or pharmacist about how to store it.

All products:

- Keep all drugs in a safe place. Keep all drugs out of the reach of children and 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.

General drug facts

- If your child's symptoms or health problems do not get better or if they become worse, call your child's doctor.
- Do not share your child's drug with others and do not give anyone else's drug to your child.
- Some drugs may have another patient information leaflet. If you have any questions about this drug, please talk with your child's doctor, nurse, 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

2026-08-28

Copyright

© 2026 UpToDate, Inc. and its affiliates and/or licensors. All rights reserved.

If you have questions or concerns, contact your healthcare provider. A member of your care team will answer Monday through Friday from 9 a.m. to 5 p.m. Outside those hours, you can leave a message or talk with another MSK provider. There is always a doctor or nurse on call. If you're not sure how to reach your healthcare provider, call 212-639-2000.

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

Ondansetron - Last updated on December 12, 2022
All rights owned and reserved by Memorial Sloan Kettering Cancer Center

Memorial Sloan Kettering Cancer Center