



xywav®

(calcium, magnesium, potassium,  
and sodium oxybates) oral solution

If you are currently taking a stimulant and considering adding an oxybate to your narcolepsy treatment regimen

Talk with your doctor about the  
**High-Sodium Elephant**  
in the room

**XYWAV has 92% less sodium than all other oxybates, including the once-nightly high-sodium oxybate\***

\*XYWAV contains 131 mg of sodium at the maximum recommended nightly dose. At the equivalent dose, all other oxybates contain ~1640 mg.

XYWAV® (calcium, magnesium, potassium, and sodium oxybates) oral solution, 0.5 g/mL total salts (equivalent to 0.413 g/mL of oxybate) is a prescription medicine used to treat the following symptoms in people 7 years of age or older with narcolepsy:

- sudden onset of weak or paralyzed muscles (cataplexy)
- excessive daytime sleepiness (EDS)

### Important Safety Information

**WARNING:** Taking XYWAV with other central nervous system (CNS) depressants such as medicines used to make you or your child fall asleep, including opioid analgesics, benzodiazepines, sedating antidepressants, antipsychotics, sedating anti-epileptic medicines, general anesthetics, muscle relaxants, alcohol, or street drugs, may cause serious medical problems, including trouble breathing (respiratory depression), low blood pressure (hypotension), changes in alertness (drowsiness), fainting (syncope), and death.

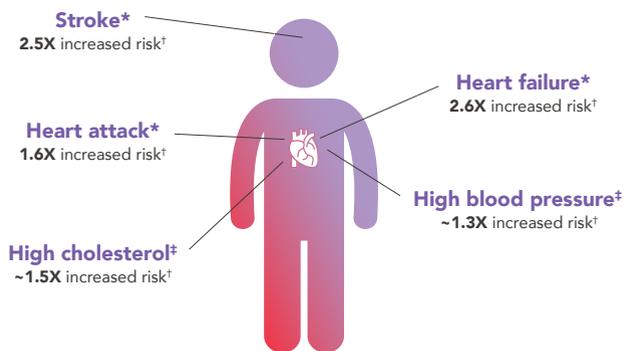
The active ingredient of XYWAV is a form of gamma-hydroxybutyrate (GHB). Abuse or misuse of illegal GHB alone or with other drugs that cause changes in alertness (or consciousness) has caused serious side effects. These effects include seizures, trouble breathing (respiratory depression), changes in alertness (drowsiness), coma, and death. Call your doctor right away if you or your child has any of these serious side effects.

Because of these risks, you have to go through the XYWAV and XYREM REMS to have your or your child's prescription for XYWAV filled.

Please see additional Important Safety Information throughout and full [Prescribing Information](#), including **BOXED Warning**, and [Medication Guide](#).

# Consider your heart health when managing your narcolepsy

People with narcolepsy are at a greater risk of cardiovascular comorbidities compared to people without narcolepsy



\*Based on an analysis of 9312 people with narcolepsy and 46,559 people without narcolepsy matched by age, sex, geographic region, and payer who had continuous insurance coverage between the years of 2006 and 2010.

<sup>†</sup>Odds ratios.

<sup>‡</sup>Based on an interview study of 320 people with narcolepsy compared to 1464 people without narcolepsy matched for age, sex, and body mass index.

## Why does sodium matter?

Some risk factors for cardiovascular disease are modifiable, such as excessive sodium intake. For most adults, reducing sodium intake by 1000 mg per day can help reduce the risk for high blood pressure, heart disease, and stroke.

## Important Safety Information (continued)

Do not take XYWAV if you take or your child takes other sleep medicines or sedatives (medicines that cause sleepiness), drinks alcohol, or has a rare problem called succinic semialdehyde dehydrogenase deficiency.

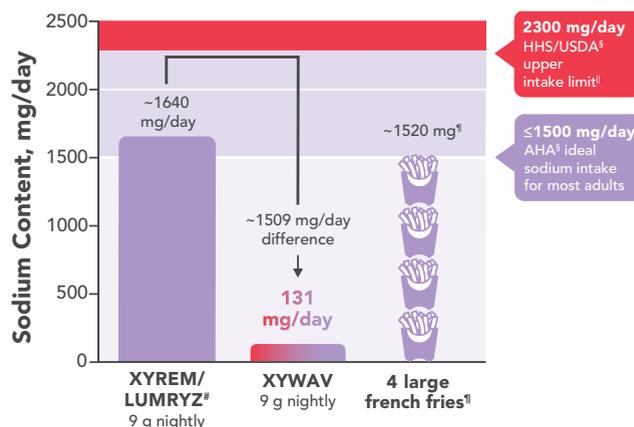
Keep XYWAV in a safe place to prevent abuse and misuse. Selling or giving away XYWAV may harm others, and is against the law. Tell your doctor if you have ever abused or been dependent on alcohol, prescription medicines, or street drugs.

Please see additional Important Safety Information throughout and full [Prescribing Information](#), including **BOXED Warning**, and [Medication Guide](#).

# Discover the only oxybate with low sodium

The American Heart Association recommends an ideal target sodium intake of less than 1500 mg per day

Because XYWAV has 92% less sodium than high-sodium oxybates, choosing XYWAV can help reduce sodium intake, a modifiable risk factor for cardiovascular disease.



<sup>§</sup>HHS/USDA = US Department of Health and Human Services and US Department of Agriculture; AHA = American Heart Association.

<sup>||</sup>For people ages ≥14 years.

<sup>¶</sup>Based on an average of 380 mg of sodium in 1 large serving of french fries according to a 2012 USDA analysis of 3 fast-food chains.

<sup>\*</sup>XYREM<sup>®</sup> (sodium oxybate) oral solution and LUMRYZ<sup>™</sup> (sodium oxybate) for extended-release oral suspension are high-sodium oxybates.

**"I didn't know that people with narcolepsy have an increased risk for heart disease, and so it was important for me to help mitigate that risk by having the lower sodium content."**

— Brooke, real XYWAV patient\*\*

\*\*Real patient experience. Other people's experiences and treatment results may vary.

## Important Safety Information (continued)

Anyone who takes XYWAV should not do anything that requires them to be fully awake or is dangerous, including driving a car, using heavy machinery, or flying an airplane, for at least 6 hours after taking XYWAV. Those activities should not be done until you know how XYWAV affects you or your child.

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## Why XYWAV?

**XYWAV is the first and only low-sodium\* oxybate treatment for cataplexy and/or EDS in narcolepsy**

EDS is the uncontrollable need to sleep during the day. Everyone with narcolepsy has EDS.

Cataplexy is when your muscles suddenly become weak or go limp when you feel strong emotion. About 70% of people with narcolepsy are believed to experience cataplexy.

### How XYWAV is thought to work

XYWAV is thought to work during sleep to help with symptoms of cataplexy and EDS during the day. The exact way XYWAV works for the treatment of narcolepsy is unknown.

**XYWAV has the same active ingredient as XYREM,<sup>†</sup> in a lower-sodium formulation**



Both XYWAV and XYREM contain oxybate (0.413 g/mL of oxybate).



XYWAV contains 92% less sodium than XYREM.



The lower-sodium formulation required adding minerals that are not found in XYREM. This is why XYWAV will taste different than XYREM.<sup>‡</sup>

\*XYWAV contains 131 mg of sodium at the maximum recommended nightly dose.

<sup>†</sup>XYREM<sup>®</sup> (sodium oxybate) oral solution is a high-sodium oxybate.

<sup>‡</sup>Sucralose is an FDA-approved non-nutritive artificial sweetener. XYWAV oral solution contains sucralose as an inactive ingredient to mask the bitter taste of the active ingredients. At the recommended dose ranges for XYWAV, the amount of sucralose is less than 10% of the Acceptable Daily Intake (ADI) established by the FDA for a 60-kg adult.

Please see additional Important Safety Information throughout and full [Prescribing Information](#), including BOXED Warning, and [Medication Guide](#).

## The FDA has determined XYWAV to be clinically superior<sup>§</sup> to XYREM, a high-sodium oxybate

The FDA indicated in their summary that:

- XYWAV is clinically superior to XYREM by means of greater safety because XYWAV contains significantly less sodium than XYREM
- The differences in sodium content between XYWAV and XYREM at recommended doses will be clinically meaningful in reducing cardiovascular diseases for many people with narcolepsy who suffer from cataplexy and/or EDS

High-sodium oxybates, including XYREM and LUMRYZ,<sup>||</sup> have ~1640 mg of sodium in a 9-g dose.

- A clinical trial comparing the efficacy and safety of XYWAV and LUMRYZ has not been conducted



**Choosing XYWAV over high-sodium oxybates, including the once-nightly high-sodium oxybate, reduces chronic sodium burden, which makes it the safer option**

<sup>§</sup>The decision of the FDA Office of Orphan Product Development (OOPD) is based on findings that XYWAV provides a greatly reduced chronic sodium burden compared to XYREM. There are no head-to-head data for XYWAV and XYREM.

<sup>||</sup>LUMRYZ<sup>™</sup> (sodium oxybate) for extended-release oral suspension is a high-sodium oxybate.

### Important Safety Information (continued)

**XYWAV can cause serious side effects, including the following:**

- **Breathing problems, including** slower breathing, trouble breathing, and/or short periods of not breathing while sleeping (sleep apnea). People who already have breathing or lung problems have a higher chance of having breathing problems when they use XYWAV.

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# Ask your doctor about the effectiveness and safety of XYWAV

In a clinical study, adults who continued to take XYWAV had fewer cataplexy attacks and less EDS than those who were switched to a placebo.

## What are the most common side effects of XYWAV?

The most common side effects in adult patients treated with XYWAV in the clinical trial were headache, nausea, dizziness, decreased appetite, parasomnia, diarrhea, excessive sweating, anxiety, and vomiting.

- In patients who remained on treatment, side effects tended to occur early and diminish over time
- Overall, adverse reactions related to XYWAV were reported less frequently in patients who were taking XYREM® (sodium oxybate) oral solution when they entered the study, compared with patients who weren't taking XYREM

In children, the most common side effects\* include nausea, bedwetting, vomiting, headache, weight decrease, decreased appetite, dizziness, and sleepwalking.

\*Of XYREM (which contains oxybate like XYWAV).

## The XYWAV and XYREM REMS

Because of the risk of central nervous system depression, abuse, and misuse, XYWAV is available only by prescription and filled through the Certified Pharmacy in the XYWAV and XYREM REMS. All patients must be enrolled in the XYWAV and XYREM REMS to receive XYWAV. More information about the REMS can be found at [XYWAVXYREMREMS.com](http://XYWAVXYREMREMS.com).

Please see additional Important Safety Information throughout and full [Prescribing Information](#), including [BOXED Warning](#), and [Medication Guide](#).

## Support with JazzCares

Making a difference in Patients' lives, one Patient at a time

JazzCares® is designed to give you the support and assistance you need, right from the start and throughout your treatment journey.

### Savings and financial support programs

Jazz Pharmaceuticals is here to help make XYWAV affordable.

**Commercially insured patients can pay as little as \$5, compared to a minimum of \$35 for those who are prescribed XYREM<sup>†‡§||</sup>**

\$5

#### The XYWAV Coupon Program

A little support can make a big difference in staying on track with your treatment.

JazzCares can connect you with the Coupon Program where you **CAN PAY AS LITTLE AS \$5, IF ELIGIBLE.**<sup>†§||</sup>



#### The XYWAV Quick Start Voucher

Are you waiting for your insurance to cover XYWAV? You **MAY BE ELIGIBLE TO RECEIVE A FREE 1-MONTH SUPPLY OF XYWAV** with the Quick Start Voucher.<sup>§||</sup>



#### The XYWAV Bridge Program

Life can change quickly. Your treatment with XYWAV may stay constant. The Bridge Program **CAN PROVIDE ELIGIBLE PATIENTS UP TO 4 MONTHS OF XYWAV FOR FREE.**<sup>§||</sup>

Jazz support without insurance coverage:



#### The XYWAV Patient Assistance Program

If you are uninsured or your insurance does not cover XYWAV, **YOU MAY BE ELIGIBLE TO RECEIVE TREATMENT FOR FREE.**<sup>§||</sup>

<sup>†</sup>For patients with commercial insurance (HMO, PPO, employer-sponsored, etc).

<sup>‡</sup>Subject to a maximum annual benefit.

<sup>§</sup>You must be a resident of the US, Puerto Rico, or other US territory.

<sup>||</sup>You must be enrolled in the XYWAV and XYREM REMS.

Jazz Pharmaceuticals reserves the right to terminate or modify this program at any time with or without notice. Other terms and conditions apply.

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## Personalized resources

JazzCares® will provide personalized information to help you get the most out of your treatment journey. At different points along the way, you will receive relevant tools and resources to help as you start and continue your therapy.



### A key resource is:



BY THE MAKER OF  
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### Personalized support available 24/7

After you are prescribed XYWAV, the myWAV app gives you fast access to tools, tips, resources, and more.



Scan to see the  
**myWAV video**

### XYWAV Mentor Program: Support from someone like you

The XYWAV Mentor Program connects you 1-on-1 with someone who has firsthand experience taking XYWAV. Register to be connected with a Mentor by calling 1-866-539-3946.



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## Nurse and pharmacy support

You're not alone. With the help of your dedicated team of nurses, you can set personalized goals to help you stay on track with your therapy. Your nursing support team will help to keep you motivated and evaluate your progress on your goals.



### Benefits include:

- A JazzCares Nurse Educator, who will provide you with resources to help you stay on track with XYWAV treatment
- A dedicated JazzCares Nurse Case Manager, who you can call Monday - Friday, 8 AM - 9 PM ET when you have questions
  - Your JazzCares Nurse Case Manager will also check in with you periodically to help you address any practical challenges
- The Certified Pharmacy, with 24/7 access to a pharmacist to answer any questions you have about XYWAV treatment

### Important Safety Information (continued)

**XYWAV can cause serious side effects, including the following:**

- **Mental health problems, including** confusion, seeing or hearing things that are not real (hallucinations), unusual or disturbing thoughts (abnormal thinking), feeling anxious or upset, depression, thoughts of killing yourself or trying to kill yourself, increased tiredness, feelings of guilt or worthlessness, or difficulty concentrating. Tell your doctor if you or your child have or had depression or have tried to harm yourself or themselves. **Call your doctor right away if you have or your child has symptoms of mental health problems or a change in weight or appetite.**
- **Sleepwalking.** XYWAV can cause sleepwalking, which can cause injuries. Call your doctor if this occurs.

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# STANDUP CHAMPIONS

Real Patients, Real Stories, Real Inspiration

Watch real patients share their experiences with narcolepsy symptoms of cataplexy and/or EDS and XYWAV on [XYWAV on XYWAV.com](https://xywav.com).



"If you have narcolepsy, I urge you to talk to your doctor about XYWAV."

Oscar

Real XYWAV patient, compensated for his time\*



"I would tell people who may be on the fence about trying XYWAV to ask their doctor about giving it a try."

Brooke

Real XYWAV patient, compensated for her time\*

## Important Safety Information (continued)

The most common side effects of XYWAV in adults include headache, nausea, dizziness, decreased appetite, parasomnia (a sleep disorder that can include abnormal dreams, abnormal rapid eye movement (REM) sleep, sleep paralysis, sleep talking, sleep terror, sleep-related eating disorder, sleepwalking, and other abnormal sleep-related events), diarrhea, excessive sweating (hyperhidrosis), anxiety, and vomiting.

The most common side effects of XYREM (which also contains oxybate like XYWAV) in children include nausea, bedwetting, vomiting, headache, weight decrease, decreased appetite, dizziness, and sleepwalking.

XYWAV can cause physical dependence and craving for the medicine when it is not taken as directed. These are not all the possible side effects of XYWAV.

You are encouraged to report negative side effects of prescription drugs to the FDA. Visit [www.fda.gov/medwatch](https://www.fda.gov/medwatch), or call 1-800-FDA-1088.

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Scan to hear more from Oscar and Brooke

\*Real patient experience. Other people's experiences and treatment results may vary.

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Learn more at [XYWAV.com](https://XYWAV.com)



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 **Jazz** Pharmaceuticals

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