



• Vraylar®

- Oral capsule: 1.5 mg, 3 mg, 4.5 mg, 6 mg

*If you or someone you know is in crisis, please call/text 988 to speak with a trained crisis counselor 24/7 and/or call 911 for emergency services. A help line and other resources are also available through the National Alliance on Mental Illness at [nami.org](http://nami.org).*



## What is cariprazine and what does it treat?

Cariprazine is a medication that works in the brain to treat schizophrenia and bipolar disorder. It is also known as a second-generation antipsychotic (SGA) or atypical antipsychotic. Cariprazine rebalances dopamine and serotonin to improve thinking, mood, and behavior.

Symptoms of schizophrenia include:

- Hallucinations - imagined voices or images that seem real
- Delusions - beliefs that are not true (e.g., other people are reading your thoughts)
- Disorganized thinking or trouble organizing your thoughts and making sense
- Little desire to be around other people
- Trouble speaking clearly
- Lack of motivation

Cariprazine may help some or all these symptoms.

Cariprazine is also FDA approved for the following indications:

- Acute treatment of manic or mixed episodes of bipolar I disorder
- Acute treatment of depressive episodes of bipolar I disorder
- Adjunctive treatment of major depressive disorder. This means cariprazine is used in addition to an antidepressant to help treat depression.

This medication sheet will focus primarily on schizophrenia. More information on bipolar disorder can be found [here](#).

This medication may be prescribed for other uses; ask your health care provider for more information.

## What is the most important information I should know about cariprazine?

Schizophrenia requires long-term treatment. Do not stop taking cariprazine even when you feel better.

With input from you, your health care provider will assess how long you will need to take the medication.

Missing doses of cariprazine may increase your risk for a relapse in your symptoms.

Do not stop taking cariprazine or change your dose without talking with your health care provider first.

For cariprazine to work properly, it should be taken every day as ordered by your health care provider.

All FDA warnings are at the end of this fact sheet. Please consult them before taking this medication.

## Are there specific concerns about cariprazine and pregnancy?

If you are planning on becoming pregnant, notify your health care provider to best manage your medications. People living with schizophrenia or certain other mental illness who wish to become pregnant face important decisions. This is a complex decision since untreated schizophrenia or other mental illness has risks to the fetus, as well as the mother. It is important to discuss the risks and benefits of treatment with your doctor and caregivers.

Antipsychotic use during the third trimester of pregnancy has a risk for abnormal muscle movements (extrapyramidal symptoms [EPS]) and/or withdrawal symptoms in newborns following delivery that may need to be monitored. These may resolve within hours/days without treatment or require hospitalization for monitoring/treatment. Caution is advised with breastfeeding. It is unknown whether cariprazine is present in breast milk.

## What should I discuss with my health care provider before taking cariprazine?

- Symptoms of your condition that bother you the most
- If you have thoughts of suicide or harming yourself
- Medications you have taken in the past for your condition, whether they were effective or caused any adverse effects
- If you ever had muscle stiffness, shaking, tardive dyskinesia, neuroleptic malignant syndrome, or weight gain caused by a medication
- If you experience side effects from your medications as some side effects may pass with time, but others may require changes in the medication.
- Any psychiatric or medical problems you have, such as heart rhythm problems, long QT syndrome, heart attacks, diabetes, high cholesterol, or seizures
- If you have a family history of diabetes or heart disease
- If you have kidney disease or liver disease
- All other medications you are currently taking (including over the counter products, herbal and nutritional supplements) and any medication allergies you have
- Other non-medication treatment you are receiving, such as talk therapy or substance abuse treatment. Your provider can explain how these different treatments work with the medication.
- If you are pregnant, plan to become pregnant, or are breastfeeding
- If you smoke, drink alcohol, use or ever used recreational drugs , or ever used prescription medications

## How should I take cariprazine?

Cariprazine may help control your symptoms but will not cure your condition.

It may take 8 weeks or longer before you feel the full effect of cariprazine. Cariprazine is usually taken once daily with or without food.

Typically, patients begin at a low dose of medication and the dose is increased slowly over several weeks.

The dose usually ranges from 1.5 mg to 6 mg. Only your health care provider can determine the correct dose for you.

Use a calendar, pillbox, alarm clock, or cell phone alert to help you remember to take your medication. You may also ask a family member or a friend to remind you or check in with you to be sure you are taking your medication.

## What happens if I miss a dose of cariprazine?

It is important to take your medication everyday as directed by your health care provider. Do not miss or skip a dose.

If you miss a dose of cariprazine, take it as soon as you remember, unless it is closer to the time of your next dose. Discuss this with your health care provider. Do not double your next dose or take more than what is prescribed.

## What should I avoid while taking cariprazine?

Avoid drinking alcohol or using illegal drugs while you are taking cariprazine. They may decrease the benefits (e.g., worsen your symptoms) and increase adverse effects (e.g., sedation) of the medication.

## What happens if I overdose with cariprazine?

If an overdose occurs call your doctor or 911. You may need urgent medical care. You may also contact the poison control center at 1-800-222-1222.

A specific treatment to reverse the effects of cariprazine does not exist.

## What are the possible side effects of cariprazine?

This is not a complete list. Talk with your health care provider for more information.

### Common side effects

Extrapyramidal symptoms, restlessness, headache, insomnia, nausea

### Rare/serious side effects

Cariprazine may increase the blood levels of a hormone called prolactin. Side effects of increased prolactin levels include females losing their period, production of breast milk and males losing their sex drive or possibly experiencing erectile problems. Long term (months or years) of elevated prolactin can lead to osteoporosis, or increased risk of bone fractures. Cariprazine has a relatively low risk of increased prolactin levels compared to many other antipsychotics, including Risperdal® (risperidone), Invega® (paliperidone), and first generation (typical) antipsychotics, such as Haldol® (haloperidol).

Some people may develop muscle related side effects while taking cariprazine. The technical terms for these are “extrapyramidal symptoms” (EPS) and “tardive dyskinesia” (TD). Symptoms of EPS include restlessness, tremor, and stiffness. TD symptoms include slow or jerky movements that one cannot control, often starting in the mouth with tongue rolling or chewing movements.

Antipsychotics can also affect temperature regulation especially if you exercise a lot or are in an area that is very hot. While taking cariprazine, it is especially important to try to drink water to avoid dehydration. Second generation antipsychotics (SGAs) increase the risk of weight gain, high blood sugar, and high cholesterol. This is also known as metabolic syndrome. Your health care provider may ask you for a blood sample to check your cholesterol, blood sugar, and hemoglobin A1c (a measure of blood sugar over time) while you take this medication.

- Information on healthy eating and adding exercise to decrease your chances of developing metabolic syndrome may be found at the following sites:
  - <http://www.helpguide.org/articles/healthy-eating/healthy-eating.htm>
  - <http://www.helpguide.org/home-pages/exercise-fitness.htm>

All antipsychotics have been associated with the risk of sudden cardiac death due to an arrhythmia (irregular heartbeat). To minimize this risk, antipsychotic medications should be used in the smallest effective dose when the benefits outweigh the risks. Your doctor may order an EKG to monitor for irregular heartbeat.

Neuroleptic malignant syndrome is a rare, life threatening adverse effect of antipsychotics which occurs in <1% of patients. Symptoms include confusion, fever, extreme muscle stiffness, and sweating. If any of these symptoms occur, contact your health care provider immediately.

All antipsychotics can cause sedation, dizziness, or orthostatic hypotension (a drop in blood pressure when standing up from sitting or lying down). These side effects may lead to falls which could cause bone fractures or other injuries. This risk is higher for people with conditions or other medications that could worsen these effects. If falls or any of these symptoms occur, contact your health care provider.

## Are there any risks for taking cariprazine for long periods of time?

Tardive dyskinesia (TD) is a side effect that develops with prolonged use of antipsychotics. Medications such as cariprazine have been shown to have a lower risk of TD compared to older antipsychotics, such as Haldol® (haloperidol). If you develop symptoms of TD, such as grimacing, sucking, and smacking of lips, or other movements that you cannot control, contact your health care provider immediately. All patients taking either first or second-generation antipsychotics should have an Abnormal Involuntary Movement Scale (AIMS) completed regularly by their health care provider to monitor for TD.

Second generation antipsychotics (SGAs) increase the risk of diabetes, weight gain, high cholesterol, and high triglycerides. (See “Serious Side Effects” section for monitoring recommendations).

## What other medications may interact with cariprazine?

Tell your health care provider about all medications that you take, have recently taken or plan to take including prescription and nonprescription medications, vitamins, herbal products, and nutritional supplements. This medication may affect the way other medications work, and other medications may affect how this medication works.

Cariprazine may block the effects of agents used to treat Parkinson's disease such as levodopa/carbidopa (Sinemet®), bromocriptine, pramipexole (Mirapex®), ropinirole (Requip®), and others.

The following medications may **increase** the levels and effects of cariprazine: itraconazole, ketoconazole

The following medications may **decrease** the levels and effects of cariprazine: rifampin (Rifadin®), carbamazepine (Tegretol®)

## How long does it take for cariprazine to work?

It is especially important to tell your doctor how you feel things are going during the first few weeks after you start taking cariprazine. It will probably take several weeks to see big enough changes in your symptoms to decide if cariprazine is the right medication for you.

Antipsychotic treatment is generally needed lifelong for persons with schizophrenia. Your doctor can best discuss the duration of treatment you need based on your symptoms and illness.

- Hallucinations, disorganized thinking, and delusions may improve in the first 1-2 weeks
- Sometimes these symptoms do not completely go away
- Motivation and desire to be around other people can take at least 1-2 weeks to improve
- Symptoms continue to get better the longer you take cariprazine
- It may take 2-3 months before you get the full benefit of cariprazine

## Summary of Black Box Warnings

### Increased Mortality in Elderly Patients with Dementia Related Psychosis

- When used for dementia related psychosis in elderly patients, both first generation (typical) and second generation (atypical) antipsychotics are associated with an increased risk of mortality. Although there were multiple causes of death in studies, most deaths appeared to be due to cardiovascular causes (e.g., sudden cardiac death) or infection (e.g., pneumonia).

**Important Disclosure:** This information is being provided as a community outreach effort of the American Association of Psychiatric Pharmacists. This information is for educational and informational purposes only and is not medical advice. This information contains a summary of important points and is not an exhaustive review of information about the medication. Always seek the advice of a physician or other qualified medical professional with any questions you may have regarding medications or medical conditions. Never delay seeking professional medical advice or disregard medical professional advice as a result of any information provided herein. The American Association of Psychiatric Pharmacists disclaims any and all liability alleged as a result of the information provided herein.