

• **Caplyta™**

- Capsule: 42 mg, 21 mg, 10.5 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](https://www.nami.org).*



## What is lumateperone and what does it treat?

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

Symptoms of schizophrenia include:

- Hallucinations – hearing or seeing things that feel real but others do not see/hear
- Delusions – beliefs that are not true (e.g., other people are reading your thoughts)
- Disorganized thinking – trouble organizing your thoughts and making sense
- Little desire to be around other people
- Trouble speaking clearly
- Lack of motivation

Lumateperone may help with some or all of these symptoms.

Lumateperone is also FDA approved for the treatment of depressive episodes of bipolar disorder and as an adjunctive treatment of major depressive disorder (this means lumateperone is used in addition to an antidepressant to help treat depression).

This medication sheet will focus primarily on schizophrenia. You can find more information about bipolar disorder and major depressive disorder [here](#).

Lumateperone may also be helpful when prescribed “off-label” for other mental health conditions. “Off-label” means that it has not been approved by the Food and Drug Administration for this condition. Your mental health provider should justify his or her thinking in recommending an “off-label” treatment. They should be clear about the limits of the research around that medication and if there are any other options.

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

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

Schizophrenia and bipolar disorder require long-term treatment. Do not stop taking lumateperone, even when you feel better.

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

Missing doses of lumateperone may increase your risk for a relapse (or return/worsening) of your symptoms.

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

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

## Are there specific concerns about lumateperone and pregnancy?

If you are planning on becoming pregnant, talk to your health care provider to best manage your medications. People living with schizophrenia or bipolar disorder who wish to become pregnant face important decisions. This is a complex decision since untreated schizophrenia or bipolar disorder 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 since it is not known if lumateperone passes into breast milk.

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

- 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 and 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
- 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 use 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, or use illegal drugs

## How should I take lumateperone?

Lumateperone is usually taken 1 time per day with food. Do not take lumateperone with grapefruit juice.

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 lumateperone?

If you miss a dose of lumateperone, 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 lumateperone?

Avoid drinking alcohol or using illegal drugs while you are taking lumateperone. 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 lumateperone?

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 lumateperone does not exist.

## What are the possible side effects of lumateperone?

### Common side effects

Drowsiness/sedation, dry mouth

### Rare/serious side effects

Some people may develop muscle related side effects while taking lumateperone. 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.

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 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.

Antipsychotics can also affect temperature regulation, especially if you are in an area that is very hot or are exercising very heavily. While taking lumateperone, 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>

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.

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

Tardive dyskinesia (TD) is a side effect that develops with prolonged use of antipsychotics. Medications such as lumateperone 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 lumateperone?

The following medications may **increase** the levels and effects of lumateperone: diltiazem (Cardizem®), erythromycin (Erythrocin®), fluconazole (Diflucan®), and fluvoxamine (Luvox®). Grapefruit juice may also increase levels of lumateperone.

The following medications may **decrease** the levels and effects of lumateperone: carbamazepine (Tegretol®), phenytoin (Dilantin®), and phenobarbital.

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

It is very important to tell your doctor how you feel things are going during the first few weeks after you start taking lumateperone. It will probably take several weeks to see big enough changes in your symptoms to decide if lumateperone is the right medication for you. Sometimes these symptoms may not completely go away.

Antipsychotic treatment is generally needed lifelong for people 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
- 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 lumateperone.
- It may take 2-3 months before you get the full benefit of lumateperone

### Summary of Boxed Warnings

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

- When used for dementia related psychosis in elderly people, 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).

#### Suicidal Thoughts or Actions in Children, Teens, and Young Adults

Depression and certain other psychiatric disorders are themselves associated with increases in the risk of suicide.

- Patients treated with antidepressants may experience worsening of their depression and/or the emergence of suicidal ideation and behavior (suicidality) or unusual changes in behavior, whether or not they are taking medications. This risk may persist until significant symptom improvement (or remission) occurs.
- Patients, their families, and caregivers should be alert to the emergence of anxiety, restlessness, irritability, aggressiveness and insomnia. If these symptoms emerge, they should be reported to the patient’s prescriber or health care professional.
- All patients being treated with lumateperone for depressive episodes should watch for and notify their health care provider for worsening symptoms, suicidality and unusual changes in behavior, especially during the first few months of treatment.

**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.