

# Having "off" time while taking levodopa/carbidopa for your Parkinson's disease (PD)?

Discover NOURIANZ<sup>®</sup>, an add-on treatment for "off" time in PD that works differently by targeting adenosine.



Actor Portrayals.

## What is NOURIANZ?

NOURIANZ is a prescription medicine used with levodopa and carbidopa to treat adults with Parkinson's disease (PD) who are having "off" episodes. It is not known if NOURIANZ is safe and effective in children.

## Important Safety Information

**Before you take NOURIANZ, tell your healthcare provider about all your medical conditions, including if you:**

- have a history of abnormal movement (dyskinesia)
- have a history of psychotic thinking or behavior
- have reduced liver function
- smoke cigarettes or use other tobacco products
- are pregnant or plan to become pregnant. NOURIANZ may harm your unborn baby
- are breastfeeding or plan to breastfeed

**Please see additional Important Safety Information on next page, and full Patient Information in pocket.**

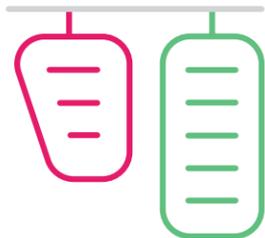
**NOURIANZ<sup>®</sup>**  
(istradefylline) tablets  
20 mg | 40 mg



# Dopamine and adenosine are naturally occurring chemicals in the brain that help control movement.

## ADENOSINE

works like pressing the brake pedal on a car to limit movement



## DOPAMINE

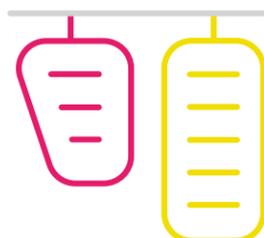
works like pressing the gas pedal to help your body move

Typically, both adenosine and dopamine work together in balance to help you move the way you want to. But in Parkinson's Disease (PD), that's not the case.

**There's more to think about than just dopamine.**

## In PD, there is too little dopamine activity and too much adenosine activity.

This imbalance causes symptoms such as difficulty in moving.



## IN PARKINSON'S DISEASE

It's like pressing on the brake pedal while letting off the gas

Many treatments for PD such as levodopa/carbidopa focus on increasing dopamine. **But over time, PD symptoms can return, and people may experience "off" time.**

### Important Safety Information (continued)

**Tell your healthcare provider about all the medicines you take**, including prescription and over-the-counter medicines, vitamins, and herbal supplements.

NOURIANZ and other medicines may affect each other causing side effects. NOURIANZ may affect the way other medicines work, and other medicines may affect how NOURIANZ works.

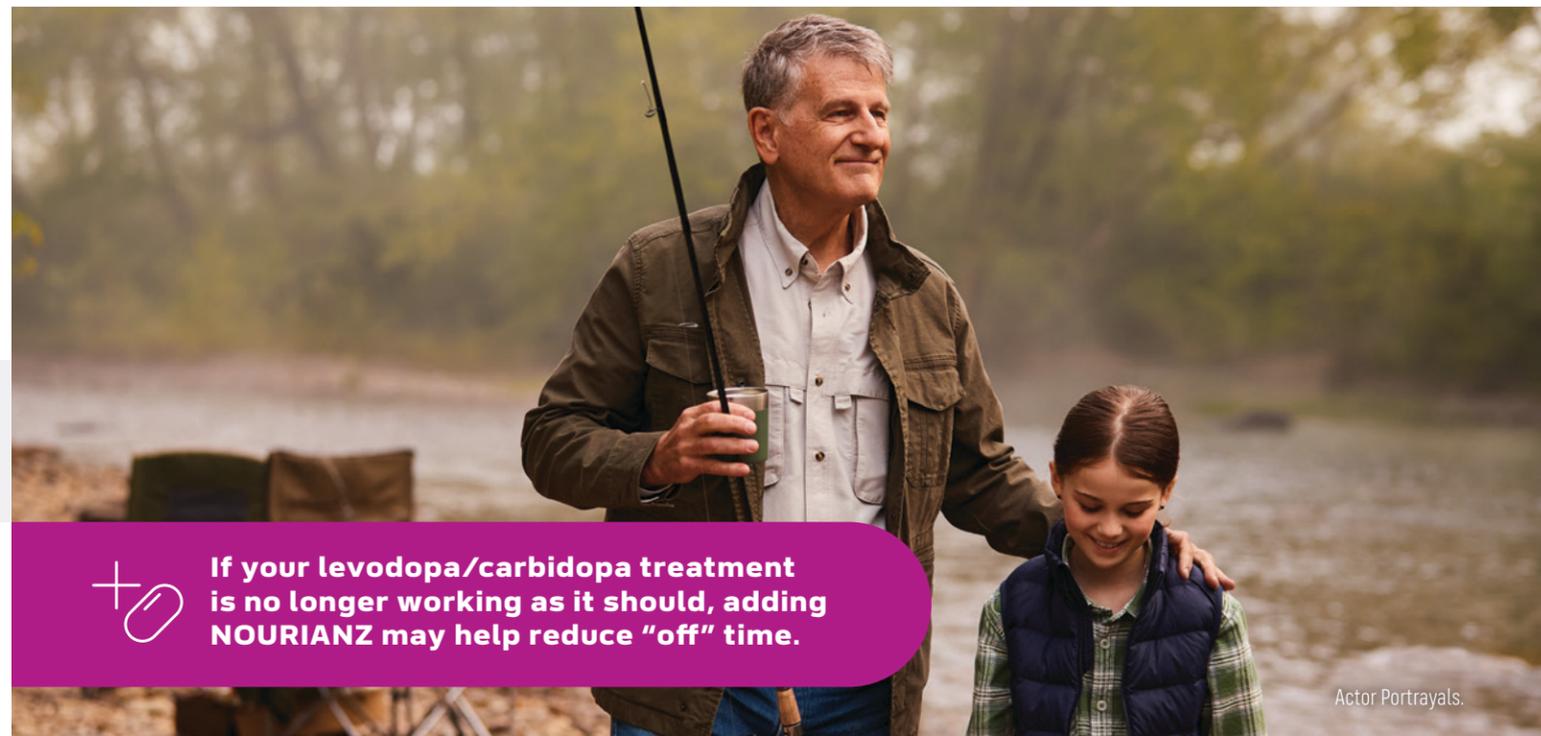
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# NOURIANZ<sup>®</sup> is the first and only treatment for "off" time in PD that lifts the brake of adenosine.

The exact way NOURIANZ works to treat "off" time in PD is unknown, but unlike any other medication for PD, NOURIANZ is believed to work by targeting adenosine A<sub>2A</sub> receptors. This is like lifting the brake in a car, helping to increase movement if you are experiencing "off" time.



If your levodopa/carbidopa treatment is no longer working as it should, adding NOURIANZ may help reduce "off" time.

Actor Portrayals.

### Important Safety Information (continued)

What are the possible side effects of NOURIANZ?

NOURIANZ may cause serious side effects, including:

- **uncontrolled sudden movements (dyskinesia).** Uncontrolled sudden movements is one of the most common side effects.
- **hallucinations and other symptoms of psychosis.** NOURIANZ can cause abnormal thinking and behavior, including:
  - being overly suspicious or feeling people want to harm you (paranoid ideation)
  - believing things that are not real (delusions)
  - seeing or hearing things that are not real (hallucinations)
  - confusion
  - increased activity or talking (mania)
  - disorientation
  - aggressive behavior
  - agitation
  - delirium (decreased awareness of things around you)

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# NOURIANZ<sup>®</sup> is not just another add-on treatment for "off" time in Parkinson's disease.

It's the only add-on treatment for "off" episodes that lifts the brake of adenosine, to help you brake for what matters to you.



Could adding NOURIANZ be right for you?



Scan this code to learn more

Actor Portrayals.

## Important Safety Information (continued)

### What are the possible side effects of NOURIANZ? (continued)

#### NOURIANZ may cause serious side effects, including:

- **unusual urges (impulse control or compulsive behaviors).** Some people taking NOURIANZ get urges to behave in a way unusual for them. Examples of this are unusual urges to gamble, increased sexual urges, strong urges to spend money, binge eating, and the inability to control these urges.

If you notice or your family notices that you are developing any new or unusual symptoms or behaviors, talk to your healthcare provider.

**The most common side effects of NOURIANZ include** uncontrolled movements (dyskinesia), dizziness, constipation, nausea, hallucinations, and problems sleeping (insomnia).

These are not all the possible side effects of NOURIANZ.

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088 or [www.fda.gov/medwatch](http://www.fda.gov/medwatch).

**Please see additional Important Safety Information throughout, and full Patient Information in pocket.**

**KYOWA KIRIN**

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