

TYVASO® (treprostinil) Inhalation Solution and TYVASO DPI™ (treprostinil) Inhalation Powder are approved for the treatment of pulmonary hypertension associated with interstitial lung disease (PH-ILD; WHO Group 3) to improve the ability to exercise.

Reclaim the moments that *move you*

BREATHE THEM IN WITH TYVASO FOR PH-ILD



Important Safety Information

Before you take TYVASO or TYVASO DPI, tell your healthcare provider about all of your medical conditions, including if you:

- Have low blood pressure
- Have or have had bleeding problems

Please see Important Safety Information throughout and on pages 20-21, and the accompanying Full Prescribing Information and Instructions for Use for TYVASO and TYVASO DPI in pocket.

DPI=dry powder inhaler; WHO=World Health Organization.

TYVASO DPI™
(treprostinil) INHALATION POWDER

TYVASO®
(treprostinil) INHALATION SOLUTION



UNDERSTANDING PH-ILD

A diagnosis of PH-ILD may seem intimidating, but learning about your condition and treatment can help you feel encouraged moving forward.

PH-ILD stands for pulmonary hypertension associated with interstitial lung disease, a rare, serious, and progressive disease. Breaking down the parts of the name “PH-ILD” can give you a good picture of how they fit together.

PH Pulmonary means it affects the lungs.
Hypertension means high blood pressure.
...So, *pulmonary hypertension* is high blood pressure in the lungs.

ILD Interstitial **L**ung **D**isease is a group of serious, progressive lung disorders that can damage the lungs and make it harder to breathe.

Some examples of ILD include:

- Idiopathic pulmonary fibrosis (IPF) or pulmonary fibrosis (PF)
- Combined pulmonary fibrosis and emphysema (CPFE)
- Connective tissue disease (CTD)

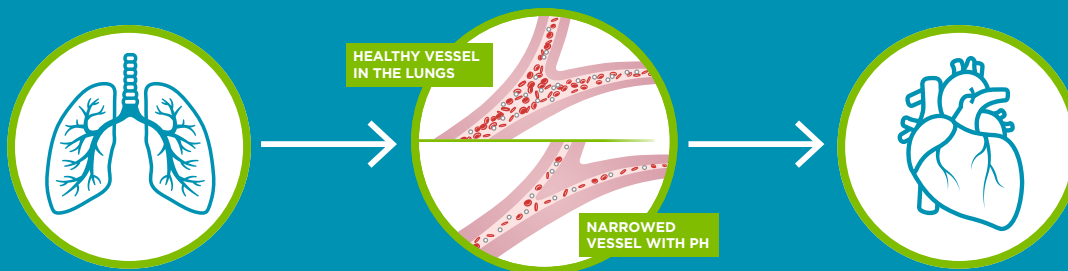
Putting it all together

Sometimes, people with ILD can also have PH, which is why you see the terms put together as one. PH is often hard to diagnose because its symptoms, like shortness of breath, fatigue, and coughing, can seem very similar to ILD. It is not always clear that there is something else going on.

In fact, in IPF (which is one type of ILD), PH is present in up to 15% of patients at the early stages of IPF—or even at diagnosis.

**IT'S IMPORTANT
TO BE CHECKED
FOR PH REGULARLY**
because PH can
appear at any time as
your ILD progresses.

How ILD progresses to PH-ILD



ILD causes lung tissue to become stiff, making it harder to breathe and get oxygen into the blood.

PH causes the blood vessels in the lungs to become narrow, making it harder for blood to flow and causing pressure to increase.

The heart has to work harder to push blood through the lungs, which weakens or damages the heart.

WHAT IS TYVASO?

TYVASO is the first and only FDA-approved medication to treat PH-ILD. It can increase your ability to be active.

PH-ILD can be difficult and disruptive. It causes you to feel fatigued and out of breath, and you may have trouble walking more than a short distance. Treating PH-ILD right away can be a step forward you take for your health—and may help you enjoy more of the moments that matter most.

Discover TYVASO

- ✓ Delivers medicine directly to your lungs, where it's needed
- ✓ Helps keep the blood vessels in your lungs open so that your heart can pump blood more easily
- ✓ Can increase your ability to be active while decreasing the chance of PH-ILD getting worse

Important Safety Information

Before you take TYVASO or TYVASO DPI, tell your healthcare provider about all of your medical conditions, including if you (continued):

- Have asthma or chronic obstructive pulmonary disease (COPD)
- Are pregnant or plan to become pregnant. It is not known if either product will harm your unborn baby.
- Are breastfeeding or plan to breastfeed. It is not known if either product passes into your breast milk. Talk to your healthcare provider about the best way to feed your baby during treatment.

Please see Important Safety Information throughout and on pages 20-21, and the accompanying Full Prescribing Information and Instructions for Use for TYVASO and TYVASO DPI in pocket.

Explore the difference

Learning about TYVASO can help you understand the difference it may make for your health.

Read on to learn how TYVASO can help people with PH-ILD in these key areas explored in a clinical study:



Why take TYVASO?



The distance you are able to walk



The amount of strain on your heart



The risk of your PH-ILD getting worse

In addition, this brochure has useful information about potential side effects and tips that may help you manage them.

Important Safety Information

Tell your healthcare provider about all of the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements. Either product and other medicines may affect each other.

Especially tell your healthcare provider if you take:

- Medicines used to treat high blood pressure or heart disease
- Medicines that decrease blood clotting (anticoagulants)
- Water pills (diuretics)
- Gemfibrozil (Lopid®) or rifampin (Rimactane®, Rifadin®, Rifamate®, Rifater®)

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MOVING FORWARD

The 6-minute walk test

PH-ILD can make it difficult for you to walk more than a short distance. The 6-minute walk test (6MWT) can give you a good clue about how much your lung disease could be impacting your ability to stay active. It measures how far you can walk in 6 minutes.

In a 16-week PH-ILD clinical study, 6MWTs were compared for people who took TYVASO and those who took a placebo (an inhaled solution without medicine in it).



At the end of the study, those who took TYVASO improved the distance they could walk in 6 minutes. Those who took a placebo actually experienced a decline in the distance they were able to walk.

*69 feet is about 21 meters.

Important Safety Information

What are the possible side effects of TYVASO or TYVASO DPI?

Both products can cause **serious side effects**, including:

- **Low blood pressure** (symptomatic hypotension). If you have low blood pressure, either product may lower your blood pressure more.
- **Bleeding problems.** Either product may increase the risk of bleeding, especially in people who take blood thinners (anticoagulants).

Please see Important Safety Information throughout and on pages 20-21, and the accompanying Full Prescribing Information and Instructions for Use for TYVASO and TYVASO DPI in pocket.



**TYVASO HAS
BEEN SHOWN TO
HELP PATIENTS
WITH PH-ILD BE
MORE ACTIVE.**



Important Safety Information

What are the possible side effects of TYVASO or TYVASO DPI? (continued)

The most common side effects of both products are cough, headache, throat irritation and pain, nausea, reddening of the face and neck (flushing), fainting or loss of consciousness, dizziness, diarrhea, and shortness of breath. Like other inhaled prostaglandins, you may have trouble breathing after taking TYVASO or TYVASO DPI because it may cause the muscles around your airway to tighten (bronchospasm). These are not all the possible side effects. Call your doctor for medical advice about side effects or if you have trouble breathing.

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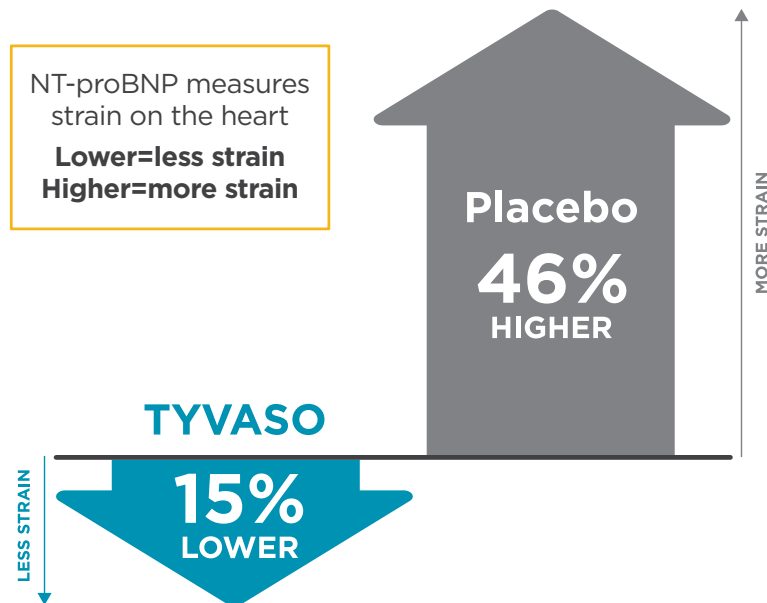
REDUCING STRAIN ON THE HEART

NT-proBNP blood test

NT-proBNP is a measure of strain on the heart and can be detected by a blood test. Your doctor can check your NT-proBNP levels over time to see how the strain on your heart may be changing. If the numbers are higher, there is more strain on the heart; if the numbers are lower, there is less strain on the heart.

At week 16 of the clinical study, patients who took TYVASO had less strain on the heart (NT-proBNP decreased by 15%), while patients who took placebo had more strain on the heart (NT-proBNP increased by 46%).

TYVASO reduced strain on the heart



While treatment can impact your NT-proBNP test results, it is not known how much of an impact those changes could have on your condition.

NT-proBNP=N-terminal pro-B-type natriuretic peptide.

Important Safety Information

Before you take TYVASO or TYVASO DPI, tell your healthcare provider about all of your medical conditions, including if you:

- Have low blood pressure
- Have or have had bleeding problems
- Have asthma or chronic obstructive pulmonary disease (COPD)



39%
less risk

**of PH-ILD
getting worse**

REDUCING DISEASE WORSENING

During the 16-week study,
TYVASO helped lower the risk
of PH-ILD getting worse by 39%.

Important Safety Information

Before you take TYVASO or TYVASO DPI, tell your healthcare provider about all of your medical conditions, including if you (continued):

- Are pregnant or plan to become pregnant. It is not known if either product will harm your unborn baby.
- Are breastfeeding or plan to breastfeed. It is not known if either product passes into your breast milk. Talk to your healthcare provider about the best way to feed your baby during treatment.

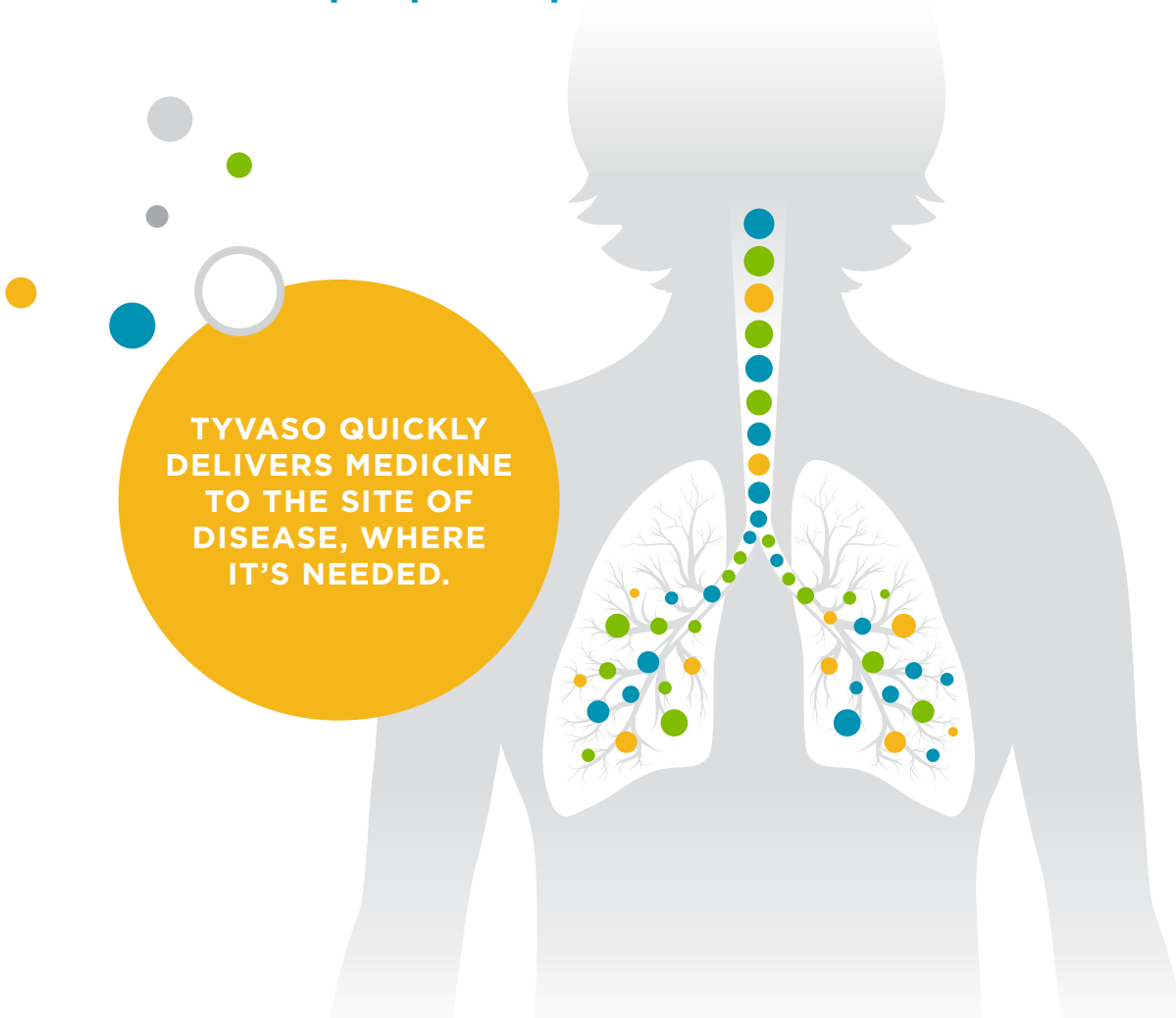
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HOW IT WORKS

TYVASO is inhaled directly to the lungs where it works to help open up the blood vessels



TYVASO QUICKLY
DELIVERS MEDICINE
TO THE SITE OF
DISEASE, WHERE
IT'S NEEDED.

In the clinical study, patients taking TYVASO were more likely to experience cough, headache, and throat irritation/pain than they were to experience nausea and diarrhea.

Important Safety Information

Tell your healthcare provider about all of the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements. Either product and other medicines may affect each other.

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YOUR TYVASO DEVICE OPTIONS

The first step to feeling comfortable with TYVASO is getting familiar with your device. Talk with your healthcare provider to find out which option is best for you.



TYVASO DPI (Dry Powder Inhaler)

TYVASO DPI is inhaled using a small, portable inhaler.



TYVASO Nebulizer

TYVASO is inhaled using a cordless, handheld nebulizer.

Find more details and helpful videos about how to use your TYVASO device at www.TYVASO.com/resources.

Important Safety Information

Especially tell your healthcare provider if you take:

- Medicines used to treat high blood pressure or heart disease
- Medicines that decrease blood clotting (anticoagulants)
- Water pills (diuretics)
- Gemfibrozil (Lopid®) or rifampin (Rimactane®, Rifadin®, Rifamate®, Rifater®)

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TAKING TYVASO

TYVASO DPI fits in the palm of your hand

TYVASO is available in a **Dry Powder Inhaler (DPI)**.

This **small, portable** inhaler uses cartridges and features a **simple-to-use** design.

- Conveniently **portable**
- **Single-dose cartridges** prefilled with medicine
- Just **1 breath** per cartridge, **4x daily**



**Taking a dose is as simple as:
JUST ONE BREATH—
OPEN, LOAD, INHALE**

98%

98% patient satisfaction rate with TYVASO DPI

TYVASO DPI received high satisfaction marks from 45 of 46 people in a clinical study who switched from the TYVASO nebulizer.*

*In the clinical study, 51 people with PAH who had been using the TYVASO nebulizer for at least 3 months switched to TYVASO DPI. Researchers recorded side effects, and after 3 weeks, 46 patients rated their satisfaction with TYVASO DPI in a questionnaire.

TYVASO DPI fits into your daily routine



Waking



Lunch



Dinner



Bedtime

**IT IS IMPORTANT
THAT YOU TAKE
TYVASO DPI 4X DAILY
TO GET THE FULL
BENEFIT OF THE
MEDICINE.**

Important Safety Information

What are the possible side effects of TYVASO or TYVASO DPI?

Both products can cause **serious side effects**, including:

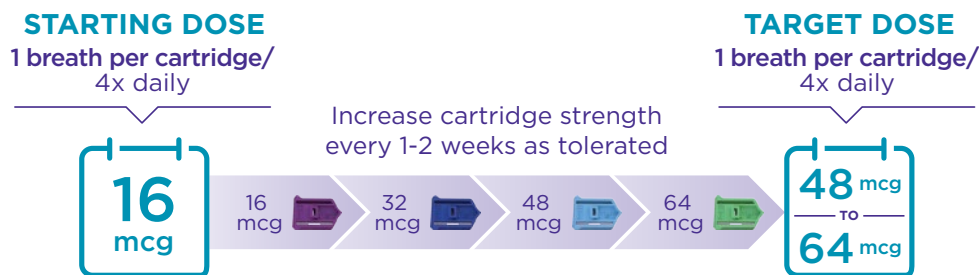
- **Low blood pressure** (symptomatic hypotension). If you have low blood pressure, either product may lower your blood pressure more.
- **Bleeding problems.** Either product may increase the risk of bleeding, especially in people who take blood thinners (anticoagulants).



Reaching your target maintenance dose

Your doctor will work with you to increase your dose until you reach your target maintenance dose. This process is called “titration.”

Most people start with the 16 mcg cartridge, 4x daily, and increase their dose every 1-2 weeks until they reach their target maintenance dose.



If the prescribed dose is higher than 64 mcg per treatment session, more than 1 cartridge will be needed per session.

Important Safety Information

What are the possible side effects of TYVASO or TYVASO DPI? (continued)

The most common side effects of both products are cough, headache, throat irritation and pain, nausea, reddening of the face and neck (flushing), fainting or loss of consciousness, dizziness, diarrhea, and shortness of breath. Like other inhaled prostaglandins, you may have trouble breathing after taking TYVASO or TYVASO DPI because it may cause the muscles around your airway to tighten (bronchospasm). These are not all the possible side effects. Call your doctor for medical advice about side effects or if you have trouble breathing.

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TAKING TYVASO

The TYVASO nebulizer fits into your day

This **portable nebulizer** allows for dosing at home or on the go.

A simple way to remember: Count to 4 and add 1 more

- 1** Set up device **1x each morning**
- 2-3** Each session takes about **2-3 minutes**
- 4** Take TYVASO **4x daily** during waking hours
- +1** Clean device **1x each night**



TYVASO fits into your daily routine



Waking



Lunch



Dinner



Bedtime

IT IS IMPORTANT
THAT YOU TAKE
TYVASO 4X DAILY
TO GET THE FULL
BENEFIT OF THE
MEDICINE.

Important Safety Information

Before you take TYVASO or TYVASO DPI, tell your healthcare provider about all of your medical conditions, including if you:

- Have low blood pressure
- Have or have had bleeding problems
- Have asthma or chronic obstructive pulmonary disease (COPD)

Please see Important Safety Information throughout and on pages 20-21, and the accompanying Full Prescribing Information and Instructions for Use for TYVASO and TYVASO DPI in pocket.



Reaching your target maintenance dose

Your doctor will work with you to increase the number of breaths per session each week until you reach the target maintenance dose of 9-12 breaths, 4x daily. This process is called “titration.”

Typically, people taking TYVASO start with 3 breaths, 4x daily, and increase by 1 breath each week until they reach the target dose of 9-12 breaths.

STARTING DOSE

3 breaths/
4x daily



Add 1 breath per session every week*

TARGET DOSE

9-12 breaths/
4x daily



Most people who took TYVASO in the clinical study had reached the target dose at 8 weeks

*Your doctor may recommend a slightly different schedule.

Important Safety Information

Before you take TYVASO or TYVASO DPI, tell your healthcare provider about all of your medical conditions, including if you (continued):

- Are pregnant or plan to become pregnant. It is not known if either product will harm your unborn baby.
- Are breastfeeding or plan to breastfeed. It is not known if either product passes into your breast milk. Talk to your healthcare provider about the best way to feed your baby during treatment.

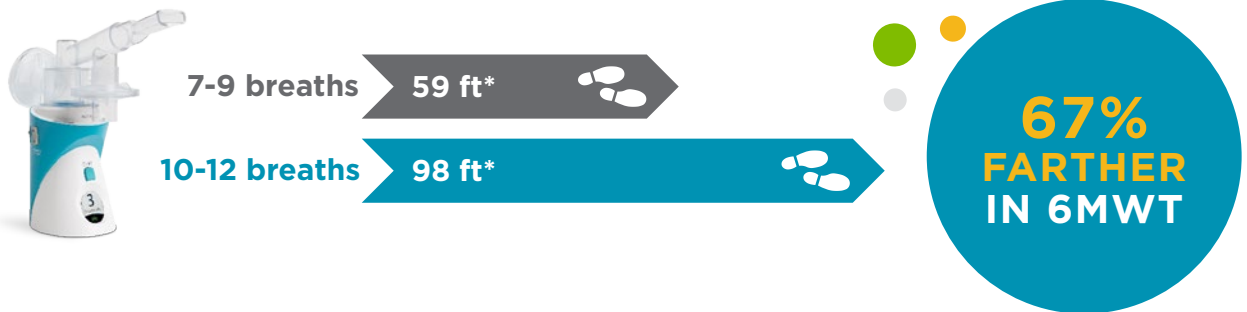
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Reaching your target maintenance dose to maximize benefits

It is important to reach your target maintenance dose so that you can get the full benefit of the medicine and be more active.

At week 16 in the clinical study, patients achieving **10-12 breaths** with the TYVASO nebulizer had a **67% greater improvement** in their 6MWT distance than those only achieving 7-9 breaths.



IMPORTANT TIPS FOR TITRATION

- As you increase your breaths each week, you may experience side effects
- Talk to your nurse or doctor to help you manage side effects so that you can reach your target maintenance dose and experience the full benefits of TYVASO
- DO NOT STOP taking TYVASO without talking to your healthcare provider

*59 feet is about 18 meters. 98 feet is about 30 meters.

Important Safety Information

Tell your healthcare provider about all of the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements. Either product and other medicines may affect each other.

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Preparing for a new medicine

You may have side effects...

Your healthcare team will help you understand your medication, including possible side effects. The most common side effects are cough, headache, throat irritation and pain, and dizziness. Having a plan to manage potential side effects can help you feel prepared and stay on track to get the full benefits of your medicine.

Be sure to contact your nurse about things you can do to help manage side effects while continuing treatment, such as:

COUGH

- ✔ Review proper technique
- ✔ Before treatment, eat a small amount of yogurt, honey, or peanut butter, or drink very cold or warm water

HEADACHE

- ✔ Use an over-the-counter pain reliever, like acetaminophen

THROAT IRRITATION

- ✔ If needed, use a throat spray to numb your throat before treatment

Talk to your healthcare provider to see if slowing the pace at which you increase your dose or optimizing other medications you're taking could help.

Review proper technique for your device in the Instructions for Use manuals in the pocket or at www.TYVASO.com.

These tips may help you manage common side effects with TYVASO, based on healthcare provider experience. They are not intended as medical advice.

Important Safety Information

Especially tell your healthcare provider if you take:

- Medicines used to treat high blood pressure or heart disease
- Medicines that decrease blood clotting (anticoagulants)
- Water pills (diuretics)
- Gemfibrozil (Lopid®) or rifampin (Rimactane®, Rifadin®, Rifamate®, Rifater®)

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SUPPORT AT EACH STEP

Starting your treatment journey with TYVASO



The United Therapeutics' Archways program is a virtual, educational support program that offers helpful disease information and resources for treatment. Archways is available at no cost to patients and caregivers as you begin your treatment journey with TYVASO.

To get started, follow one of these three simple steps:

- Call **1-888-327-2492**
- Text **"START"** to **882724** (*Standard message and data rates may apply*)
- Visit **www.UTArchways.com**

United Therapeutics and the Archways program do not provide medical advice. You are advised to consult with your healthcare provider with any specific questions or concerns about your treatment.

Working with the Specialty Pharmacy

TYVASO is available only through Specialty Pharmacies, which focus on providing you with in-home training and **24-hour support**. Your Specialty Pharmacy (SP) provider is part of your healthcare team.



What happens next: Your SP provider will call you.

Answer the call: When they first reach out to you, the SP provider will call you from an **866 or 877 number** that you may not recognize. Since they cannot get the medicine to you unless they speak to you, be sure to answer the call to get started and to stay on track.



An SP nurse will give you personal instructions on using TYVASO and provide ongoing support. Your SP nurse may visit or call regularly as you are getting comfortable using TYVASO.

Important Safety Information

What are the possible side effects of TYVASO or TYVASO DPI?

Both products can cause **serious side effects**, including:

- **Low blood pressure** (symptomatic hypotension). If you have low blood pressure, either product may lower your blood pressure more.
- **Bleeding problems.** Either product may increase the risk of bleeding, especially in people who take blood thinners (anticoagulants).

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ASSIST can help you determine if you qualify for United Therapeutics' patient assistance programs.
Call ASSIST at 1-877-864-8437.



Co-Pay Assistance Program

With the TYVASO Co-Pay Assistance Program, most eligible patients pay as little as a \$5 co-pay for each prescription of TYVASO or TYVASO DPI.*

Learn how to enroll at www.UTcopay.com or call ASSIST at 1-877-864-8437.

**Eligibility requirements for this Program are:*

- You must be 18 years or older to use this Program
- Patients using Medicare, Medicaid, or any other state or federal government program to pay for their medications are not eligible. Patients who start utilizing government coverage during the term of the Program will no longer be eligible
- The Program is valid only for patients with commercial (also known as private) insurance who are taking the medication for an FDA-approved indication
- Eligible patients must be a resident of the United States or Puerto Rico. The Program is subject to additional state law restrictions. Patients residing in select states may not be eligible for the Program

Important Safety Information

What are the possible side effects of TYVASO or TYVASO DPI? (continued)

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IMPORTANT SAFETY INFORMATION



Before you take TYVASO or TYVASO DPI, tell your healthcare provider about all of your medical conditions, including if you:

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- Have asthma or chronic obstructive pulmonary disease (COPD)
- Are pregnant or plan to become pregnant. It is not known if either product will harm your unborn baby.
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Tell your healthcare provider about all of the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements. Either product and other medicines may affect each other.

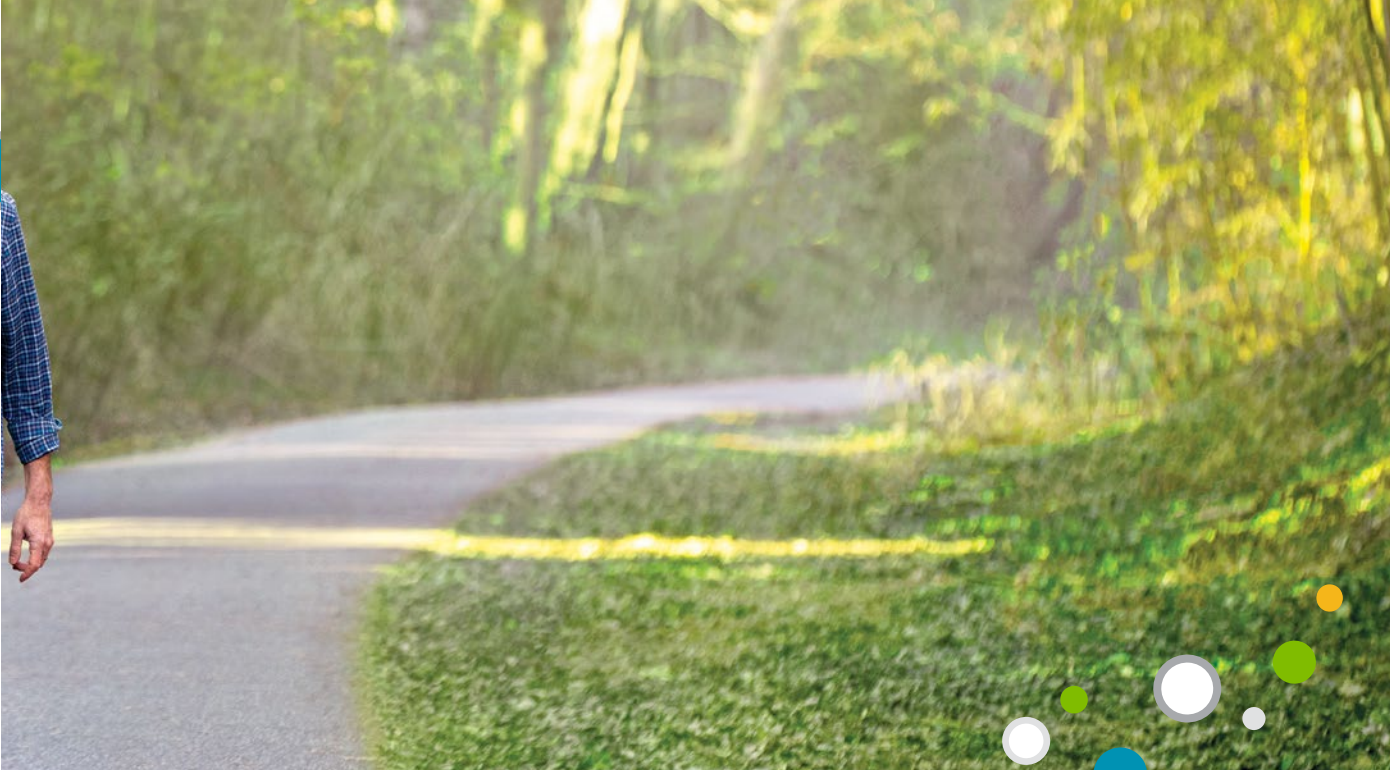
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You may report side effects to the FDA at www.fda.gov/MedWatch or call 1-800-FDA-1088.

What are TYVASO and TYVASO DPI?

TYVASO (treprostinil) Inhalation Solution and TYVASO DPI (treprostinil) Inhalation Powder are prescription medicines used in adults to treat pulmonary hypertension associated with interstitial lung disease (PH-ILD; WHO Group 3), which is high blood pressure in the lungs due to inflammation and sometimes scarring in the lungs. TYVASO or TYVASO DPI can improve the ability to exercise.

The risk information provided here is not comprehensive. To learn more about TYVASO or TYVASO DPI, talk with your healthcare provider. Please see Full Prescribing Information for **TYVASO** or **TYVASO DPI**, Instructions for Use manuals for **TD-100** and **TD-300** TYVASO® Inhalation System and **TYVASO DPI™ Inhalation Powder**, and additional information at www.TYVASO.com or call 1-877-UNITHER (1-877-864-8437).

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Make *your move*

TALK WITH YOUR DOCTOR ABOUT A PLAN TO HELP YOU GET THE MOST OUT OF TYVASO

TYVASO...

- ✓ is the first and only FDA-approved medication to treat PH-ILD
- ✓ increases your ability to stay active
- ✓ decreases the chance of PH-ILD getting worse
- ✓ reduces the amount of strain on your heart
- ✓ is delivered directly to the lungs, where it's needed
- ✓ is delivered with portable device options that go where your day takes you

Move forward with TYVASO

Get more information and sign up to receive updates at www.TYVASOsignup.com.

Important Safety Information

Before you take TYVASO or TYVASO DPI, tell your healthcare provider about all of your medical conditions, including if you:

- Have low blood pressure
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