

TYVASO® (treprostinil) Inhalation Solution and TYVASO DPI® (treprostinil) Inhalation Powder are approved for the treatment of pulmonary arterial hypertension (PAH; WHO Group 1) to improve the ability to exercise.

LIFE'S LITTLE MOMENTS.

BREATHE THEM IN WITH TYVASO

What you need
to know about
TYVASO for PAH



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 page 15, and the accompanying Full Prescribing Information and Instructions for Use for TYVASO and TYVASO DPI in pocket.

TYVASO DPI®
(treprostinil) INHALATION
POWDER

TYVASO®
(treprostinil) INHALATION
SOLUTION

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

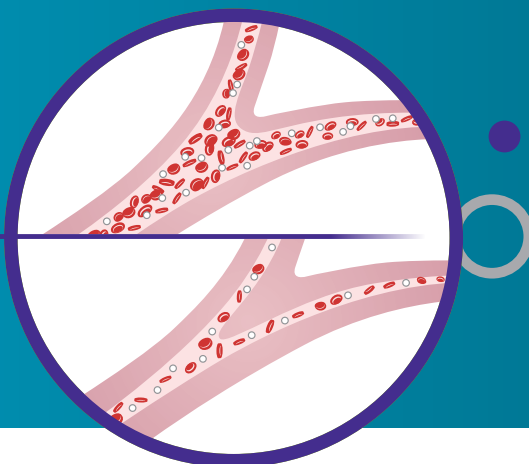
What causes PAH and its symptoms

People with pulmonary arterial hypertension (PAH) have an imbalance of natural substances, causing the blood vessels in their lungs to become narrowed. When these substances are out of balance, it is harder to keep blood flowing through the lungs and this causes symptoms of PAH.

There are medicines that treat the imbalances, or pathways, associated with PAH.

HEALTHY VESSEL
IN THE LUNGS

VESSEL WITH PAH
IN THE LUNGS



What is prostacyclin? [pra·stuh·si·klin]

Prostacyclin is one of the pathways associated with PAH. Prostacyclin helps ensure blood vessels are healthy and stay open and is important for normal lung function. People who have PAH may not produce enough prostacyclin in their lungs.

TYVASO helps to replace the natural prostacyclin you may be missing

TYVASO mimics some of the effects of natural prostacyclin, helping to open up blood vessels and keep the blood flowing through your lungs.

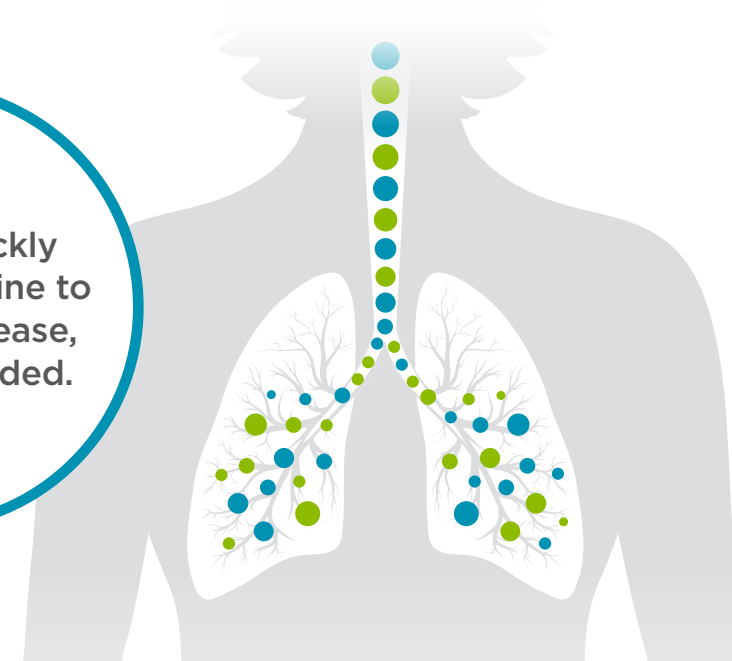
What are TYVASO and TYVASO DPI?

TYVASO (treprostinil) Inhalation Solution and TYVASO DPI (treprostinil) Inhalation Powder are prescription medicines used in adults to treat pulmonary arterial hypertension (PAH; WHO Group 1), which is high blood pressure in the arteries of your lungs. TYVASO or TYVASO DPI can improve the ability to exercise. Your ability to exercise decreases 4 hours after taking TYVASO or TYVASO DPI. It is not known if TYVASO or TYVASO DPI is safe and effective in children under 18 years of age.

Breathe it in...

TYVASO is inhaled directly to the lungs

TYVASO quickly delivers medicine to the site of disease, where it's needed.



"I have researched the disease. I have researched the medications. And I think being informed as a caregiver is one of your roles."

— **Theresa**, caregiver for Bill who takes TYVASO DPI

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.

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TYVASO DPI
(treprostinil) INHALATION
POWDER

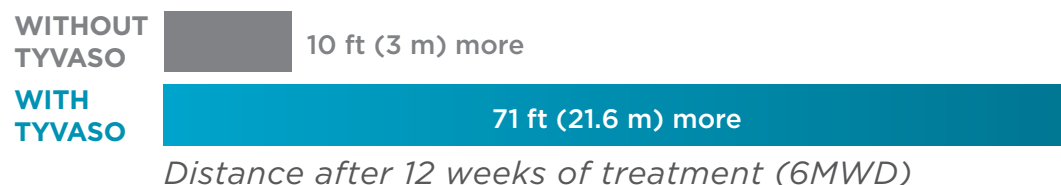
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TYVASO may help you do what matters most

Walk farther in 6 minutes

In a clinical study, people who added TYVASO to their current PAH medicine walked farther, improving their 6MWD* in as soon as **6 weeks**.[†]

In a 6-minute walk test, people were able to walk:



Do more in your day

When you add TYVASO to your current treatment, you may be able to do things like:



“I am able to remain active. I can take my long nature walks, which my doctor’s pretty impressed with.”

— Tracey, TYVASO DPI Patient

*6-minute walk distance (6MWD) is a test to see how far you can walk in 6 minutes.

†In the 12-week clinical study of TYVASO, people taking an oral PAH medicine (bosentan or sildenafil) completed a 6-minute walk test at the beginning and end of the study.

Important Safety Information

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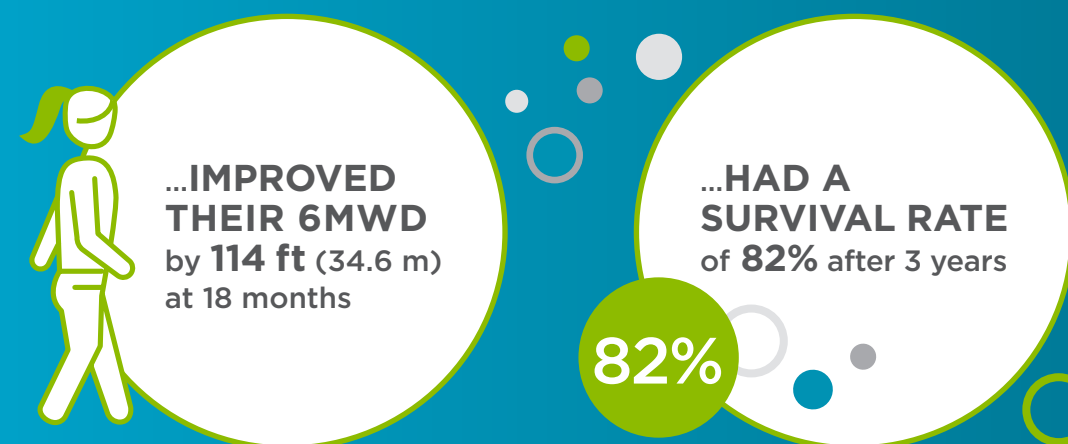
Continuing the study

After the 12-week clinical study was over, patients who received TYVASO could continue taking it, and patients who had initially received placebo could start on TYVASO.

Nearly all of the patients who completed the initial study (97%) decided to continue as part of the long-term follow-up study.

During that study, researchers followed patients to understand the dosing and safety of TYVASO. They also observed changes in their 6MWD, their ability to be active, and their rate of survival.

Patients who took TYVASO in the clinical study and continued to be observed...



It’s important to note that in this study, all of the patients were taking TYVASO, and no comparison was made to people who were not taking TYVASO. So, it’s hard to determine for sure if these results are because of TYVASO.

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)

Please see Important Safety Information throughout and on page 15, and the accompanying Full Prescribing Information and Instructions for Use for TYVASO and TYVASO DPI in pocket.

TYVASO DPI
(treprostinil) INHALATION POWDER

TYVASO
(treprostinil) INHALATION SOLUTION

You can take TYVASO in 1 of 2 ways

1 TYVASO DPI

TYVASO DPI fits in the palm of your hand

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

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

- **Single-dose cartridges** prefilled with medicine
- Just **1 breath** per cartridge—**Open, Load, Inhale**
- **No cleaning** required



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.



Watch a short video about using TYVASO DPI.
Visit [TYVASODPIDelivers.com](https://www.tyvasodpidelivers.com).

Important Safety Information

Especially tell your healthcare provider if you take (continued):

- Water pills (diuretics)
- Gemfibrozil (Lopid®) or rifampin (Rimactane®, Rifadin®, Rifamate®, Rifater®)

Please see Important Safety Information throughout and on page 15, and the accompanying Full Prescribing Information and Instructions for Use for TYVASO and TYVASO DPI in pocket.

Work with your doctor to reach your optimal dose of TYVASO DPI

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

Plan to take your medication 4x daily, approximately **every 4 waking hours**.

- Doses are taken in **1 breath** per cartridge
- Most people start with the **16 mcg cartridge, 4x daily**, and **increase** their dose **every 1-2 weeks** until they reach their optimal dose



There's **no set maximum dose** of TYVASO DPI. Your doctor will adjust your dose to find the amount that works best for you. If you're prescribed a dose higher than 80 mcg, you will need 2 or more cartridges.



“It only takes less than 30 seconds of my time to take the dose and continue on with my day.”
— **Allison**, TYVASO DPI Patient

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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You can take TYVASO in 1 of 2 ways

2 TYVASO Nebulizer

The TYVASO nebulizer fits into your day

The **portable, handheld nebulizer** is rechargeable, giving you cordless flexibility to take your dose 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**



Watch a short video about using the TYVASO nebulizer. Visit TYVASOnebulizerDelivers.com.

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.



Work with your doctor to reach your optimal dose from the TYVASO nebulizer

Your doctor will work with you to increase the number of breaths per session each week until you reach your optimal dose. It took patients in the clinical study an average of 3 weeks to reach their optimal dose.

Plan to take your medication 4x daily, approximately **every 4 waking hours**.

- One ampule of TYVASO contains enough medicine for **all 4 treatment sessions** in a day
- Most patients start with **3 breaths per treatment session, 4x daily**, and increase the number of breaths per session each week until they reach their optimal dose

**STARTING DOSE
(NEW TO TYVASO)**
3 breaths/
4x daily

Increase by **3 breaths per treatment session** each week until you reach your optimal dose

OPTIMAL DOSE
Based on your
prescribed dose/
4x daily

There's **no set maximum dose** of TYVASO. Your doctor will adjust your dose to find the amount that works best for you.

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

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Reaching your optimal dose to maximize benefits

Your doctor will work with you to reach your optimal dose, which is important so that you'll get the full benefit of the medicine.

What to expect when titrating

- As you increase your dose each week, you may experience side effects
- Talk to your nurse or doctor to help you manage side effects
- Do not stop taking TYVASO without talking to your healthcare provider



“The only side effects I really have is a cough. I take a menthol cough drop, and the coughing subsides.”*

— **BIII**, TYVASO DPI Patient

*Individual results may vary.



Compare TYVASO device options.
Visit TYVASO.com/pah/about-tyvaso.

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 page 15, and the accompanying Full Prescribing Information and Instructions for Use for TYVASO and TYVASO DPI in pocket.

Be sure to take TYVASO 4x daily as directed by your doctor.

You may have side effects...

The most common side effects of TYVASO are cough, headache, throat irritation and pain, nausea, reddening of the face and neck (flushing), fainting or loss of consciousness, dizziness, and diarrhea. These are not all the possible side effects of TYVASO.

Don't let side effects stop you from getting the benefits of your medicine. Be sure to contact your healthcare team about things you can do to help manage side effects **while continuing treatment**, such as:



COUGH/THROAT IRRITATION

- ✓ Review proper technique for using your prescribed device
- ✓ Before treatment, drink very cold or very warm water
- ✓ If needed, use a throat spray to numb your throat before treatment



HEADACHE

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

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

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

Review proper technique for your device in the Instructions for Use manuals in the pocket and/or by viewing the How to Use videos at TYVASO.com.

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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Supporting you in many ways

It starts with a call from a 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 may call you from an 866 or 877 number that you may not recognize. It's important to answer the call because they may not be able to leave a message for you due to privacy rules. 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 treatment.



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

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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Starting your treatment journey with TYVASO



United Therapeutics Cares: United for you

United Therapeutics Cares provides you with ongoing, one-on-one education and support beginning on day one of your new treatment journey. Your dedicated Patient Navigator will personalize support and answer questions about what to expect as you begin treatment, insurance coverage, out-of-pocket cost assistance, and prescription fulfillment.

Work with your provider to enroll in United Therapeutics Cares. Visit UnitedTherapeuticsCares.com to learn more.

If you have any questions, call 1-844-864-8437 to speak with your Patient Navigator, Monday through Friday, 8:30 am – 7 pm ET.



United Therapeutics Cares Co-Pay Assistance Program

Most eligible patients pay as little as a \$0 co-pay for each prescription of TYVASO or TYVASO DPI.

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.

Visit UnitedTherapeuticsCaresCopoly.com for full enrollment information, Program details, and Terms and Conditions.

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Join the thousands who have chosen treatment with TYVASO

The decision to add TYVASO into your life is personal, but when you and your healthcare provider do, you should know that you are among thousands of people who have made the same decision.



Hear more about patient experiences with TYVASO DPI. Visit [TYVASO.com/pah/patient-videos](https://www.tyvaso.com/pah/patient-videos).



“Changing to TYVASO DPI has been a pretty easy process for both of us.”

— **Theresa**, caregiver for Bill who takes TYVASO DPI



TYVASO is the #1 prescribed prostacyclin medication for PAH.

Committed to helping people with PAH

TYVASO is produced by United Therapeutics Corporation, a company founded in 1996 by a couple whose daughter has PAH. At United Therapeutics, we are committed to helping people affected by PAH.

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- 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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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.

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

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 1-844-UNITHER (1-844-864-8437).

TYVASO DPI®
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Breathe it in... And get back to what really matters most



- ✓ TYVASO is inhaled directly to your lungs so it can quickly deliver medicine to the site of disease
- ✓ Reach your optimal dose quickly
- ✓ Walk farther and stay more active with fewer symptoms
- ✓ Take your medicine at home or on the go with an inhaler that fits in the palm of your hand or a portable, cordless nebulizer
- ✓ Receive support throughout your treatment journey



Visit TYVASOsupport.com to download resources, watch videos, and sign up for support and education.

Important Safety Information

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

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