

INSULIN THERAPY REDESIGNED



Mealtime on your time.

*Afrezza® is the only ultra rapid-acting
inhaled mealtime insulin.*



Please see [Important Safety Information](#), including **BOXED WARNING**, for AFREZZA throughout this piece. Click to view the [Full Prescribing Information](#), [Medication Guide](#), and [Instructions for Use](#) for Afrezza.



We know it can be challenging for people with diabetes to reach their A1c goal.

The American Diabetes Association recommends an A1c goal of less than 7% for most adults living with diabetes. One study of people living with type 1 diabetes revealed that **~75% of patients did not meet that goal.**

INDICATION

AFREZZA is a man-made insulin that is breathed-in through your lungs (inhaled) and is used to control high blood sugar in adults with diabetes mellitus. AFREZZA is available by prescription only.

SUMMARY OF IMPORTANT SAFETY INFORMATION

- **Afrezza® (insulin human) Inhalation Powder may cause serious side effects**, including sudden lung problems (in a study, some AFREZZA-treated patients with asthma, whose asthma medication was temporarily withheld, experienced sudden lung problems).
- **Other serious side effects may include** low blood sugar, decreased lung function, lung cancer, diabetic ketoacidosis, severe allergic reaction, low potassium in your blood, and heart failure. Some of these side effects may lead to death.
- The most common side effects are low blood sugar, cough, and sore throat.
- **Don't use AFREZZA if you have long-term lung problems such as asthma or chronic obstructive pulmonary disease (COPD)** or are allergic to any of the ingredients in AFREZZA.
- **Don't use AFREZZA if you are having an episode of low blood sugar.**
- Before starting AFREZZA, your healthcare provider will give you a breathing test to check how your lungs are working.
- AFREZZA is not for use to treat diabetic ketoacidosis.
- AFREZZA must be used with basal insulin in people who have type 1 diabetes.
- AFREZZA is not for use in people who smoke or have recently stopped smoking (less than 6 months).
- **Talk to your healthcare provider about all your medical conditions and medications.**

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PROVEN MEALTIME CONTROL

One of the benefits of inhaled insulin is its fast action time.

Designed for ultra-rapid absorption, Afrezza® brings post-meal blood sugars down fast – for increased time in range*†. Afrezza also stops lowering your blood glucose after 1.5 - 3 hours (for the 4 unit and 12 unit cartridges, respectively), which may reduce the risk of insulin stacking (taking multiple doses of rapid-acting insulin in quick succession, which may lead to hypoglycemia).



RAPID ACTING

Starts entering the bloodstream in <1 minute & starts lowering blood sugars in ~12 minutes.



SHORT DURATION

Afrezza stops lowering blood glucose after 1.5 to 3 hours.*



CONVENIENT

Discreet and portable oral inhaler used to inhale insulin.



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Afrezza is a critical part of my type 1 diabetes management! I especially appreciate how fast it affects my blood sugar, and how much flexibility it's given me as someone who exercises multiple times a day.



- Ginger Viera, Author

T1D & Author of Exercise with Type 1 Diabetes

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These statements reflect the honest experiences of the user. Results may vary.

*Starts lowering blood sugar in ~12 minutes. †A study of 60 patients with type 1 diabetes compared Afrezza Insulin to injectable rapid-acting insulin to assess time in range and post-meal sugar spikes. In the study, 26 patients were randomized to the Afrezza group, and 34 patients to the injected insulin group. The final analysis excluded 4 patients from the Afrezza group. Those treated with Afrezza achieved comparable time in range, and less time spent in hypoglycemia. Participants taking 90% or more of their postmeal Afrezza doses were found to have ~9% greater time in range than injectable insulin users (+2.4 hrs/day). *For the 4- and 12- unit cartridges, respectively.

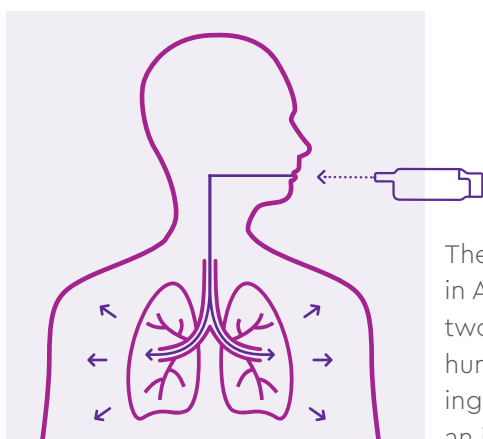
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What Makes Afrezza® Different?

AFREZZA INSULIN IS DELIVERED THROUGH THE LUNGS.

Did you know it's faster to get insulin into your bloodstream through your lungs than when injected under your skin?

Once inhaled, Afrezza® passes quickly through your lungs and starts entering your blood in less than 1 minute. **The onset and offset of Afrezza closely mimics physiologic insulin** (ultra rapid onset, short time to peak effect, time to return to baseline similar to physiologic insulin)*.



Inhaled insulin passes through your lungs into your blood, and it starts working to lower blood sugar fast.*

The microparticle used in Afrezza consists of two main components: human insulin as an active ingredient, combined with an inactive ingredient that is excreted from the body in the urine.

*Starts lowering blood sugars in ~12 minutes, and the glucose lowering effect is completed within 1.5-3 hours, for the 4-unit and 12-unit cartridges, respectively.

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DOSE AT THE START OF A MEAL – NO PRE-BOLUSING REQUIRED.

Because Afrezza® starts working fast*, **you can take it right when you start eating.** This means no waiting, so you can be more flexible with meals and snacks whether you're at home, out to eat, or traveling.



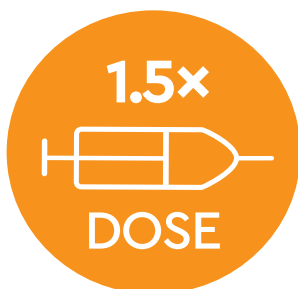
4 UNITS



8 UNITS



12 UNITS



DOSING WITH AFREZZA

Dosing with Afrezza is a little different than what you may be used to with injectable insulins. Because Afrezza® is in powdered form, it may take 1.5x the amount of Afrezza to achieve the same blood sugar control as injected insulin.

Afrezza is available in 4, 8 and 12-unit color-coded cartridges, so if needed, you can combine them to take your prescribed dose.

*Starts lowering blood sugars in ~12 minutes.

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Is Afrezza® Safe For My Lungs?

Over 30,000 patients (and counting!) with type 1 and type 2 diabetes have been treated with Afrezza. Some patients have been using Afrezza as their mealtime insulin for more than 8 years.



Afrezza® inhaled insulin is safe, effective and FDA approved in 2014. No significant or lasting lung safety concerns were found across thirteen clinical trials*.

Afrezza® is not for patients with chronic lung disease such as asthma or COPD. Before starting AFREZZA, your healthcare provider will give you a breathing test to check how your lungs are working. The most common side effects are: low blood sugar (hypoglycemia), cough, and sore throat.

As of 2023, Afrezza continues to undergo clinical studies to verify its safety and efficacy.

*Data for number of patients treated were calculated from a patient exposure analysis conducted between 2015 and 2021. *Based on data analysis from 5505 patients with type 1 or type 2 diabetes, of which 3017 were using Afrezza.

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REDUCED INJECTION SITE CHANGES

Scar tissue can develop under the skin as a result of repeated injections, and can be a problem for people with diabetes. Scar tissue can affect the body's ability to absorb insulin and can cause serious complications.



Because Afrezza® is taken without the need for mealtime injections, you can potentially avoid over 1,000 insulin injections per year.*

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While I use an injected long-acting insulin for my basal needs, having an inhaled insulin therapy option has allowed me to prevent painful infusion sites or unpredictable insulin absorption levels from injectable insulin. With less insulin injections I have noticed a difference in the appearance of my skin.



- Danica, Health Coach

T1D Afrezza user for over 3 years

These statements reflect the honest experiences of the user. Results may vary.

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*Based on an estimation of approximately 3 meals per day, for a total of 1,095 possible mealtime injections per year.

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Access to Afrezza®

Whether you are covered by commercial insurance or Medicare, you can pay as little as **\$35 out-of-pocket.***



4 IN 5

patients will obtain coverage for Afrezza® however; some plans may require extra documentation before approving Afrezza.

Over 90% of Medicare Prior Authorizations for Afrezza have been approved.



JANUARY TO MAY 2023

If your insurance doesn't cover Afrezza, you may be eligible to get Afrezza for as little as

\$99 per month

through our Direct Purchase Program.

Visit insulinsavings.com for more information.

*Per month. Subject to eligibility criteria and maximum benefit limitations. Additional cost savings (reduced copay) may be possible when combined with insurance coverage. *Of prescriptions submitted through Afrezza Assist January-April 2023

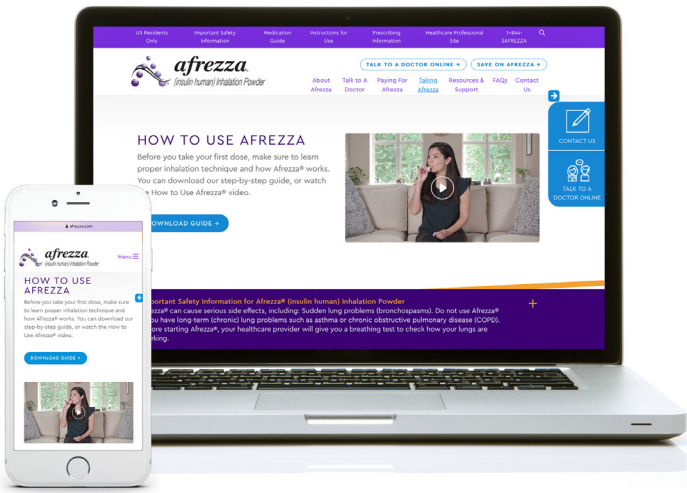
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If you're ready to try a different kind of insulin, ask your health care provider if Afrezza® is right for you.



CONNECT TO LEARN MORE

If you're ready to learn more about Afrezza, visit www.afrezza.com for a deeper dive into how inhaled insulin works and detailed instructional guides.



IMPORTANT SAFETY INFORMATION

What is the most important information I should know about AFREZZA?

AFREZZA can cause serious side effects, including:

- **Sudden lung problems (bronchospasms).** In a study, some AFREZZA-treated patients with asthma, whose asthma medication was temporarily withheld, experienced sudden lung problems. **Do not use AFREZZA if you have long-term (chronic) lung problems such as asthma or chronic obstructive pulmonary disease (COPD).** Before starting AFREZZA, your healthcare provider will give you a breathing test to check how your lungs are working.

What is AFREZZA?

- AFREZZA is a man-made insulin that is breathed-in through your lungs (inhaled) and is used to control high blood sugar in adults with diabetes mellitus.
- AFREZZA is not for use to treat diabetic ketoacidosis.
- AFREZZA must be used with basal insulin in people who have type 1 diabetes mellitus.
- It is not known if AFREZZA is safe and effective for use in people who smoke. AFREZZA is not for use in people who smoke or have recently stopped smoking (less than 6 months).
- It is not known if AFREZZA is safe and effective in children under 18 years of age.

Who should not use AFREZZA?

Do not use AFREZZA if you:

- Have chronic lung problems such as asthma or COPD.
- Are allergic to regular human insulin or any of the ingredients in AFREZZA.
- **Are having an episode of low blood sugar (hypoglycemia).**

What should I tell my healthcare provider before using AFREZZA?

Before using AFREZZA, tell your healthcare provider about all your medical conditions, including if you:

- Have lung problems such as asthma or COPD
- Have or have had lung cancer
- Are using any inhaled medications
- Smoke or have recently stopped smoking
- Have kidney or liver problems
- Are pregnant, planning to become pregnant, or are breastfeeding. AFREZZA may harm your unborn or breastfeeding baby.

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

Before you start using AFREZZA, talk to your healthcare provider about low blood sugar and how to manage it.

What should I avoid while using AFREZZA?

While using AFREZZA do not:

- Drive or operate heavy machinery, until you know how AFREZZA affects you
- Drink alcohol or use over-the-counter medicines that contain alcohol
- Smoke

What are the possible side effects of AFREZZA?

AFREZZA may cause serious side effects that can lead to death, including:
See "What is the most important information I should know about AFREZZA?"

Low blood sugar (hypoglycemia). Signs and symptoms that may indicate low blood sugar include:

- Dizziness or light-headedness, sweating, confusion, headache, blurred vision, slurred speech, shakiness, fast heartbeat, anxiety, irritability or mood change, hunger.

Decreased lung function. Your healthcare provider should check how your lungs are working before you start using AFREZZA, 6 months after you start using it, and yearly after that.

Lung cancer. In studies of AFREZZA in people with diabetes, lung cancer occurred in a few more people who were taking AFREZZA than in people who were taking other diabetes medications. There were too few cases to know if lung cancer was related to AFREZZA. If you have lung cancer, you and your healthcare provider should decide if you should use AFREZZA.

Diabetic ketoacidosis. Talk to your healthcare provider if you have an illness. Your AFREZZA dose or how often you check your blood sugar may need to be changed.

Severe allergic reaction (whole body reaction). Get medical help right away if you have any of these signs or symptoms of a severe allergic reaction:

- A rash over your whole body, trouble breathing, a fast heartbeat, or sweating.

Low potassium in your blood (hypokalemia).

Heart failure. Taking certain diabetes pills called thiazolidinediones or "TZDs" with AFREZZA may cause heart failure in some people. This can happen even if you have never had heart failure or heart problems before. If you already have heart failure it may get worse while you take TZDs with AFREZZA. Your healthcare provider should monitor you closely while you are taking TZDs with AFREZZA. Tell your healthcare provider if you have any new or worse symptoms of heart failure including:

- Shortness of breath, swelling of your ankles or feet, sudden weight gain.

Treatment with TZDs and AFREZZA may need to be changed or stopped by your healthcare provider if you have new or worse heart failure.

Get emergency medical help if you have:

- Trouble breathing, shortness of breath, fast heartbeat, swelling of your face, tongue, or throat, sweating, extreme drowsiness, dizziness, confusion.

The most common side effects of AFREZZA include:

- Low blood sugar (hypoglycemia), cough, sore throat.

These are not all the possible side effects of AFREZZA. Call your doctor for medical advice about side effects.

You are encouraged to report negative side effects of prescription drugs to the FDA. Visit www.fda.gov/medwatch, or call 1-800-FDA-1088 (1-800-332-1088).

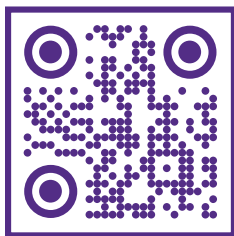
Please See Full Prescribing Information, including BOXED WARNING, Medication Guide and Instructions for Use at Afrezza.com/safety.



DIFFERENT FORMULATION.
DIFFERENT DELIVERY.
DIFFERENT RESULTS.



Visit ***afrezza.com*** to learn more
about the only ultra rapid-acting
inhaled mealtime insulin.



SCAN QR CODE TO
LEARN MORE

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