

Medtronic

Is there a link between my heart and my stroke?

Manage secondary stroke risk
with long-term heart monitoring



LINQ™ Family of ICMs

Reveal LINQ™ ICM
and LINQ II™ ICM



The link between heart health and stroke

If you've had a stroke, understanding your heart health is important to help prevent your risk of having another one.

Abnormal heartbeats are a heart problem many people experience without knowing it. They can happen rarely and without symptoms, and they can increase your risk of a stroke.¹

1 in 4



stroke survivors will experience another stroke within five years.²

Atrial fibrillation –

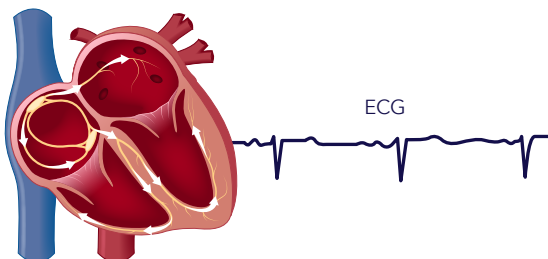
an abnormal heartbeat that can put you at risk for stroke

Atrial fibrillation (also known as “AF” or “AFib”) is the most common type of abnormal heartbeat.

AFib is hard to detect because it can happen rarely, and you may not feel any symptoms. If detected with heart monitoring, AFib is treatable, and treating AFib can lower your risk of another stroke.³

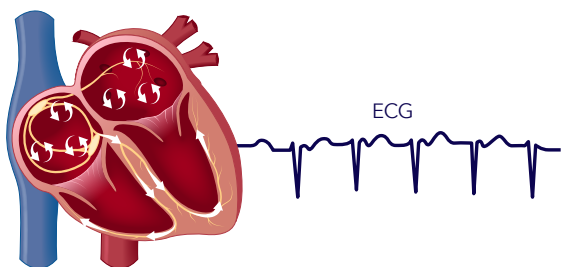
Normal heartbeat

A small pulse of electric current spreads quickly through the heart to make the muscle contract.



AFib

In AFib, the heart's upper chambers beat faster than the rest of the heart.



Heart monitoring can help your doctor determine if you have AFib.

5x

Patients with AFib are five times more likely to have a stroke.¹



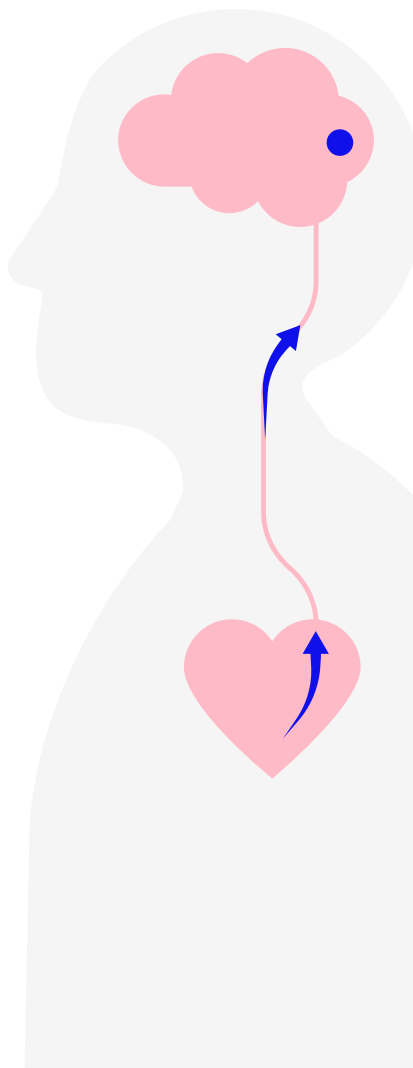
AFib-related stroke is twice as likely to be fatal than non-AFib-related stroke.⁴

Blood clots

Irregular heartbeats caused by AFib can cause blood to pool in your heart and form blood clots.

Stroke

If a clot forms in your heart, it can travel to your brain and cause a stroke.



Know your heart monitor options

AFib can be difficult to detect. Monitoring your heart for a short time with a store-bought or short-term heart monitor may be enough for some, but if you've suffered a stroke, you may need an advanced heart monitor. Medtronic heart monitors have been proven to give you the best chance at detecting AFib.

By watching your heart continuously, an insertable monitor is more likely to give your doctor a complete picture of your heart health.

Ask your cardiologist about the advantages of a Medtronic insertable heart monitor.



Wearables



Short-term, non-continuous monitoring



Insertable heart monitors



Long-term, continuous monitoring

Meet the Medtronic Reveal LINQ insertable cardiac monitor (ICM) and the LINQ II ICM for long-term heart monitoring



Reveal LINQ

approximate size shown†



LINQ II

approximate size shown†

A Medtronic insertable heart monitor is a small device that sends personalized information about your heart to your doctor. There are two Medtronic heart monitor options available, and your doctor will recommend which one is right for you.

†44.8 mm x 7.2 mm x 4.0 mm = actual size⁵

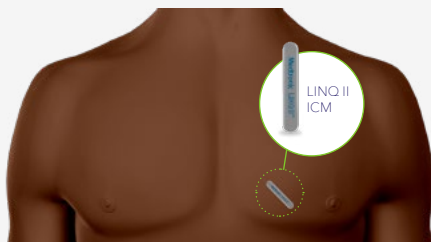
‡45.1 mm x 8.0 mm x 4.2 mm = actual size⁶

A small, discrete implant.

- **Made for lasting peace of mind**
No more wires or sticky patches. Placed right under the skin, the Medtronic insertable heart monitor is not visible in most people and can monitor your heart for up to 3–4.5 years.^{5,6}
- **Remote, personalized alerts to your doctor**
Your Medtronic heart monitor is always on, so you can live your life while your doctor keeps track of your heart.
- **Keep living your life**
Travel, shower, and sleep as you normally would. There's no need to change your daily activities.
- **Track how you're doing**
Mark your symptoms so your doctor knows which episodes you feel and which you do not.
- **Clinically proven, widely trusted**
More than 1.5 million people have been implanted and monitored with a Medtronic insertable heart monitor.⁷



A safe and quick procedure



Insertion of a Medtronic heart monitor typically takes less than five minutes. It does not require general anesthesia. The monitor is placed just under the skin during your stroke-related hospital stay, or during an outpatient procedure.

For Reveal
LINQ ICM



MyCareLink™
Patient Monitor
(Bedside unit)

For LINQ II ICM



MyCareLink
Heart™
Mobile App

OR



MyCareLink Relay™
Home Communicator
(Bedside unit)

You will return home with a home transmitter, which is used to send information from your Medtronic heart monitor to your doctor. Your doctor will recommend a transmitter based on your Medtronic heart monitor.

Your doctor's office will then get personalized information with recordings of any abnormal heartbeats.



Frequently asked questions

Can I walk through a metal detector or airport security?

Yes, you should have no trouble.

Can I get an MRI?

Yes, you can. Give your imaging technician information about your Medtronic heart monitor so they can confirm appropriate settings.

How soon after getting the heart monitor can I go back to my daily activities?

This depends on your doctor's advice, but there's no need to limit your activities because of the Medtronic heart monitor itself.

If you have other questions about living with a Medtronic heart monitor, sign up to get information at [MonitorYourHeart.com](https://www.monitoryourheart.com).



Questions you may want to ask your doctor

- What is my risk of having another stroke?
- Would monitoring my heart help me better understand my health risks?



Know your specialists

To check your heart health, you may need to see a heart specialist, or cardiologist. A special type of cardiologist, called an electrophysiologist, may also be needed to check your heart rhythm.



Cost and coverage

Medtronic heart monitors are widely covered by Medicare and private insurance providers. Talk to your insurance provider to better understand any costs to you associated with the implant or monitoring.

Talk to your doctor

Long-term cardiac monitoring is prescribed by your physician and is not for everyone. Please talk to your doctor to see if it is right for you. Your physician should discuss all potential benefits and risks with you. Although many patients benefit from long-term monitoring, results may vary.

For further information, please call the **Medtronic toll-free number** at 1-800-551-5544 (7:00 a.m. to 7:00 p.m., Monday–Friday, CT) or see the Medtronic website at Medtronic.com/HeartMonitorISI.



References

- ¹ Wolf PA, Abbott RD, Kannel WB. Atrial fibrillation as an independent risk factor for stroke: The Framingham Study. *Stroke*. August 1991;22(8):983-988.
- ² Mohan KM, Wolfe CD, Rudd AG, et al. Risk and cumulative risk of stroke recurrence: a systematic review and meta-analysis. *Stroke*. May 2011;42(5):1489-1494.
- ³ Stroke Prevention in Atrial Fibrillation Study. *Circulation*. 1991;84:527-539.
- ⁴ Lin HJ, Wolf PA, Kelly-Hayes M, et al. Stroke severity in atrial fibrillation. The Framingham Study. *Stroke*. October 1996;27(10):1760-1764.
- ⁵ M955773A001 F REVEAL LINQ™ LNQ11 Insertable Cardiac Monitor Clinician Manual.
- ⁶ M032283C001 B LINQ II™ LNQ22 Insertable Cardiac Monitor Clinician Manual.
- ⁷ Medtronic Reveal™ Publications. Medtronic data on file. 2022.

Important Safety Information for Medtronic LINQ Family of Insertable Cardiac Monitor (ICM) System and Remote Monitoring

The Reveal LINQ ICM is an insertable automatically-activated and patient-activated monitoring system that records subcutaneous ECG and is indicated in the following cases:

- patients with clinical syndromes or situations at increased risk of cardiac arrhythmias
- patients who experience transient symptoms such as dizziness, palpitation, syncope, and chest pain, that may suggest a cardiac arrhythmia.

This device has not been tested specifically for pediatric use.

The LINQ II ICM is an insertable automatically-activated and patient-activated monitoring system that records subcutaneous ECG and is indicated in adult patients, and in pediatric patients who are at least 2 years old, in the following cases:

- patients with clinical syndromes or situations at increased risk of cardiac arrhythmias
- patients who experience transient symptoms such as dizziness, palpitation, syncope, and chest pain that may suggest a cardiac arrhythmia

A LINQ Family ICM is prescribed by your physician and is not for everyone. Please talk to your doctor to see if it is right for you. Possible risks associated with the implant of a LINQ Family ICM include, but are not limited to, infection at the surgical site, device migration, erosion of the device through the skin and/or sensitivity to the device material. Accessories available for use with a LINQ Family ICM may experience connectivity or performance issues. Your physician should discuss all potential benefits and risks with you. Although many patients benefit from the use of this product, results may vary. For further information, please call the Medtronic toll-free number at 1-800-551-5544 (7:00 a.m. to 7:00 p.m., Monday-Friday, Central Time) or see the Medtronic website at medtronic.com.

Learn more at
MonitorYourHeart.com

Learn more about long-term heart monitoring after a stroke and sign up for email updates.

See details

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