Heart failure is a deadly disease

Knowing your treatment options can give you hope for a longer, better life

“With heart failure, it was not a matter of if I would get worse; it was a matter of when, and when it did, my doctors pointed me in the right direction to HeartMate II.”

John
actual HeartMate II recipient
Understanding heart failure

Heart failure is serious, but you have options that can help

Your heart circulates blood, delivering oxygen and nutrients throughout the body. When you have heart failure, your heart isn’t pumping enough blood to meet your body’s needs. As the disease progresses, your heart gets weaker, making you feel tired while doing even simple things, such as walking down the driveway or eating.

If you have heart failure, you are not alone. Over 5 million Americans have heart failure, which contributes to 1 in 9 deaths every year. That’s why it’s so important to understand the seriousness of the disease.

There is no cure for heart failure. But the good news is, there is hope. With the right treatment—at the right time—people with heart failure can live long, active lives. Knowing your options is important because early treatment is essential.

“Before, I simply did not have the energy, breath, or strength to have the kind of life I wanted to lead, and today, I feel as if the world is mine for the taking.”

Aleta
actual HeartMate II recipient
Without treatment, heart failure only gets worse

Causing you to get progressively weaker

As heart failure progresses, your organs receive less oxygen and nutrients, and you’re able to do fewer things.\(^1,5\) You become less active, especially as the disease reaches the advanced stage.\(^5\)

Eventually, it may seem as though heart disease has taken over your life.

At first, you may only notice the symptoms occasionally or not at all.

Then you get short of breath, even while doing simple things.

Finally, you feel tired most of the time, even when at rest.

Nearly 275,000 Americans die of heart failure-related causes each year.\(^4\)

Take the self-test on page 13 of this brochure to help you recognize the symptoms of heart failure before it’s too late.
Hope for advanced heart failure

HeartMate II may reverse heart failure symptoms, so you can live longer and feel better\(^6,7\)

Advanced heart failure can be a tremendous challenge. But there is a medical device known as HeartMate II that can make a life-changing difference. HeartMate II helps your heart pump the blood your body needs, improving the symptoms of advanced heart failure and helping you become healthy again.

- 80% of HeartMate II recipients reverse the symptoms of their heart failure condition\(^6\)

- HeartMate II recipients are 7 times more likely to survive, compared with patients who take medicine alone\(^6,8\)
“I received HeartMate II and feel so much better. I can breathe. I can walk. I can do almost anything now!”

Art
actual HeartMate II recipient

“I got my strength back within 30 days— and boy, it came screaming back! I’m healthier than I have been in 15 years, and that includes my time in the 82nd Airborne Division! Today, I feel a great sense of peace. I’m completely happy with the decision I’ve made.”

Peter
actual HeartMate II recipient

To hear more from patients about how HeartMate II changed their lives, visit www.HeartMate.com.
Understanding HeartMate II

HeartMate II is a system that helps your heart send blood with oxygen and nutrients to the rest of your body

- HeartMate II is a left ventricular assist device, or LVAD®
- It is the most widely studied and commonly used device of its kind in the world.\textsuperscript{10,11}
- It is the only device of its kind approved by the Food and Drug Administration (FDA) for both Bridge to Transplantation and Destination Therapy for long-term support.\textsuperscript{9}
  - Destination Therapy is an option for people who are ineligible to receive a heart transplant
  - Some advanced heart failure patients may not be candidates for a heart transplant because of age, additional cardiac problems such as high blood pressure, or serious conditions such as cancer
  - HeartMate II is the only approved long-term option for people seeking Destination Therapy.\textsuperscript{12}
- The HeartMate II heart pump is small, light, and silent.\textsuperscript{9}
- HeartMate II is made by Thoratec®, the world’s leader in devices that support the heart, with over 35 years of expertise and experience.\textsuperscript{12}

To learn more about how HeartMate II gives hope to people with advanced heart failure, visit www.HeartMate.com.
Meet the HeartMate II System

Parts work inside and outside the body to help your heart.

- **Heart Pump**: Moves blood from your heart to the rest of the body
- **Driveline**: Transfers power and information between the Pocket Controller™ and the heart pump
- **Rechargeable Batteries**: Provides 10 to 12 hours of uninterrupted power
- **Pocket Controller™**: Powers and checks the heart pump and driveline. This easy-to-wear controller weighs only 1 pound and discreetly slips into a front pocket.
HeartMate II can help you go farther

Increased mobility to help you get moving again

Simply walking can be a challenge for patients with advanced heart failure. In a clinical study, HeartMate II recipients were able to walk an average of 377 yards in only 6 minutes just 6 months after surgery—that’s more than the length of 3 football fields!

In another study, only 16% of patients were able to walk for 6 minutes before receiving HeartMate II; after receiving HeartMate II, 94% of patients were able to do so.

Most HeartMate II recipients can go even farther with an active lifestyle* that includes things such as:

- Enjoying time with family
- Exercising
- Traveling
- Working or volunteering
- Playing golf
- Gardening
- Dancing
- Cooking

*You cannot play water sports or contact sports because some parts of the HeartMate II system are located outside the body.
To hear more from patients about how HeartMate II changed their lives, visit www.HeartMate.com.

“I feel very lucky that the HeartMate II was available when I needed it; it’s an amazing device that has truly made a difference in my life.”

Sagar
actual HeartMate II recipient
Trusted around the world for treating advanced heart failure

Because HeartMate II changes lives

Here are some of the reasons why HeartMate II is trusted by patients and doctors everywhere:

■ Implanted in over 19,000 people—and counting

■ More than 7,200 people around the world today are living their lives with HeartMate II

■ Patients have been supported by HeartMate II for over a decade
HeartMate II is accessible wherever you are

Find a HeartMate II Center close to home

Nearly 98% of the US population live near a HeartMate II Implanting Center or Community Care Center location.\(^{12,*,†}\)

- HeartMate II Centers are located in 49 states and the District of Columbia
- Over 170 HeartMate II Implanting Centers across the US
- Over 120 HeartMate II Community (Shared Care™) Centers\(^†\)

*Within a 150-mile radius.

\(^†\) Shared Care is a network of community-based cardiologists who provide local care close to the homes of HeartMate II recipients who live far from their Implanting Center.
Keep learning to find the best option for you

There are a couple of ways to learn even more about heart failure and HeartMate II

1. Visit www.HeartMate.com for more information and to locate a HeartMate II Implanting Center near you

2. Talk to your doctor about referring you to a HeartMate II Implanting Center for consultation, or contact an Implant Center directly using the contact information on www.HeartMate.com

“The recipients who do the best are the ones who want to know more.”

Kristi
actual HeartMate II recipient
and patient advocate
Heart failure self-test

Ask yourself these questions to better understand your condition. Write down the answers to these questions and tear out this sheet to share with your doctor.

- Do you feel out of breath when exercising or even when you’re resting?
- Can you go on short walks—for instance, to get the mail?
- Does your heart sometimes beat faster or slower than normal?
- Are you having trouble sleeping?
- Are you going to the bathroom more often?
- Does your stomach swell up?
- Are you eating less because of nausea?
- Do you have chest pain?
- Is it hard to focus or concentrate on things?
- Have you been in the hospital more than once in the last 6 months for heart-related issues?

If you answered “yes” to any of these questions, schedule an appointment to see your doctor.

If you have chest pain, severe weakness, rapid and/or changing heartbeat, or shortness of breath (especially with pink mucus), have someone call your doctor right away.
“My HeartMate II has provided me with something that I thought I’d lost: time. Time to see my daughter grow up, time to spend with my husband, family, and friends—time for another chance at truly living.”

Laura
actual HeartMate II recipient and cardiac rehabilitation physical therapist

“I fish. I hunt. In fact, I ride horses! I’m 72 years old, and I just completed a 5K!”

Dennis
actual HeartMate II recipient
This information is provided for educational purposes. Individual experiences, symptoms, situations, and circumstances may vary. Please consult your doctor or qualified health provider regarding your condition and appropriate medical treatment.

**Indications:** The HeartMate II LVAS is intended for use as a bridge to transplantation in cardiac transplant candidates at risk of imminent death from non-reversible left ventricular failure. The HeartMate II LVAS is also indicated for use in patients with New York Heart Association (NYHA) Class IIIB or IV end-stage left ventricular failure who have received optimal medical therapy for at least 45 of the last 60 days, and who are not candidates for cardiac transplantation. The HeartMate II LVAS is intended for use both inside and outside the hospital.

**Contra-Indications:** The HeartMate II LVAS is contraindicated in patients who cannot tolerate or are allergic to anticoagulation therapy.

**Common Side Effects:** Death, bleeding, cardiac arrhythmia, infection, respiratory failure, device malfunction, sepsis, right heart failure, renal failure, stroke, neurologic dysfunction, psychiatric episode, peripheral or device-related thromboembolic event, hemolysis, hepatic dysfunction, myocardial infarction.

**References:**

To hear more from patients about how HeartMate II changed their lives, visit www.HeartMate.com.
HeartMate II is the world leader in LVAD care—giving you hope for a longer, better life.

Heart failure is progressive—it gets worse over time. HeartMate II helps the heart to pump blood—and it’s the most widely used and studied device of its kind in the world.

HeartMate II has helped more than 19,000 recipients, including 7,200 currently on support.

In a clinical study, HeartMate II recipients were 7 times more likely to survive than patients taking medicine alone.

Talk to your doctor to find out if HeartMate II is right for you.

Learn more about advanced heart failure and HeartMate II at www.HeartMate.com