

YOUR DECISION STARTS HERE

You're facing a big decision right now.

It will affect the rest of your life. Your heart is failing.

It will most likely become weaker, resulting in a backup of fluid into your lungs and decreased blood flow to the rest of your body.

Your healthcare team has recommended an LVAD (Left Ventricular Assist Device) as an option for you. You have to decide whether to have surgery to get an LVAD or to continue to manage your heart failure with medication. Both options have risks, benefits, and challenges. There is a choice that's right for you and the people close to you.

Talk about your options with your loved ones and with your medical team. This kit can help you with those conversations. It will give you the facts you need to make an informed decision.

YOU WILL LEARN:



- · What an LVAD is
- · How an LVAD might affect your health
- What happens during LVAD surgery and recovery from surgery
- · What it's like to live your daily life with an LVAD
- What it's like to be a caregiver for someone with an LVAD
- What it means to choose medication management for your heart failure instead of getting an LVAD
- · You will also find tools here to help you make your decision based on what's most important to you.
- · Your values are the most important thing to consider as you make a decision.
- This kit is divided into different parts so that you and the people who are supporting you can look at it together and talk about your decision.

MORE INFORMATION ONLINE

For videos of patients and additional information about this kit, visit the LVAD Decision Aid website at **lvaddecisionaid.com**

ABOUT HEART FAILURE

"My heart was not getting better and it will never get better.

The medications were not working anymore."

WHAT HEART FAILURE IS

It's time to make some serious decisions. Your heart is failing to do what it needs to. It no longer can pump enough blood through your body. Blood carries oxygen and nutrients to the body. Without enough blood flow, your body doesn't get enough of what it needs to stay alive. Parts of the body – such as the kidneys or liver – start dying. People cannot continue living when major organs such as the kidneys or the liver stop working unless they receive therapy.

As the heart gets weaker, it pumps less and less well. Your heart is now in end-stage heart failure. This means that it has arrived at the end of its life. It will become weaker and weaker over time. Heart failure is not any one thing; rather, it is a group of worrisome signs. Most people with this stage of heart failure have shortness of breath either at rest or with light exertion and can feel fatigued.

HOW YOU GET HEART FAILURE

CORONARY ARTERY DISEASE Sometimes end-stage heart failure is the result of blocked arteries. HYPERTENSIVE HEART DISEASE Sometimes high blood pressure, which puts a lot of stress on the heart, leads to heart failure.

OTHER CAUSES

Sometimes people are born with weak or incorrectly formed hearts. Viruses and pregnancy can cause heart failure, though this doesn't happen often.

People arrive at end-stage heart failure in different ways.

The cause of your heart failure can affect your treatment. It will also affect what will happen if you get an LVAD.

HOW HEART FAILURE FEELS

You may have the following:

- · shortness of breath
- swollen legs
- feeling weak
- · feeling lightheaded or confused

You may be taking medicines that treat these symptoms and make you feel better. Your medicine may make you feel better, but you may not be getting better. Even if your medicine makes you feel OK, you may still be in end-stage heart failure. You still need to make a decision about what to do next.

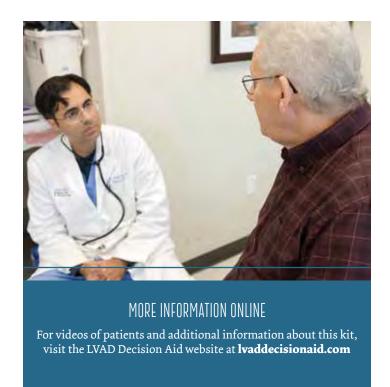
OPTIONS FOR TREATING END-STAGE HEART FAILURE

You have three main options for addressing end-stage heart failure. They are:



Your doctor may recommend that you get an LVAD. If so, this kit provides you with an overview of that treatment.

"I was going normally as usual after I found out about my heart condition. But recently I started progressively getting worse and got put in the hospital."



ABOUT THE LVAD

WHAT IS AN LVAD?

LVAD stands for Left Ventricular Assist Device. An LVAD helps the heart pump blood through the body.

An LVAD does not cure heart failure. It does not replace the heart, and it's not an artificial heart. It is a device that attaches to the heart.

It's possible that a patient's heart might be able to repair itself while it is attached to an LVAD, but this is extremely rare. It only happens 1% of the time.

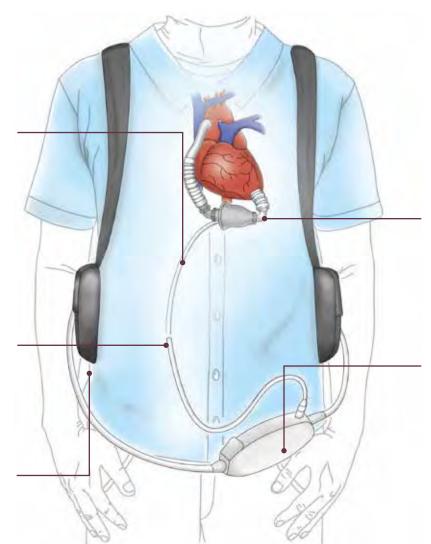
Thousands of people have received LVADs since 2006.

BELOW ARE THE WORKING PARTS OF AN LVAD INSIDE AND OUTSIDE THE BODY.

The **Driveline** is your LVAD's power cord. This cord delivers power from the controller outside your body to the LVAD pump attached to your heart.

The **Driveline Site** is where the power cord exits the body to connect with the controller.

The **Batteries** provide electrical power to the LVAD Pump and controller. Without power, the LVAD will eventually stop working.



The LVAD **Pump** contains a motor which helps circulate your blood through your body.

The **Controller** communicates with the LVAD Pump and batteries. It will alert you with important messages about your LVAD, like when your batteries need to be replaced.

LVAD AND HEART TRANSPLANT

The LVAD can be used as a "Bridge to Transplant." This means the LVAD would be temporary. It would be used only until a heart becomes available for a transplant.

Other times, the LVAD is used as "Destination Therapy." This is for people who do not qualify for transplant. Someone who has a Destination Therapy LVAD will likely have the pump for the rest of his or her life. People with Destination Therapy LVADs can't turn them off (without experiencing heart failure symptoms again or dying).

Sometimes a person who gets an LVAD as a Destination Therapy can get stronger or improve in other ways that make him or her eligible for a transplant. However, for most people, the LVAD is a Destination Therapy.

Talk with your doctor about how getting an LVAD can affect your chances of changing status from Destination Therapy to Bridge to Transplant.

LEARN MORE



LVAD BY THE NUMBERS

Please see the part of this kit called LVAD by the Numbers to get the most up-to-date information on LVADs. The information there includes:

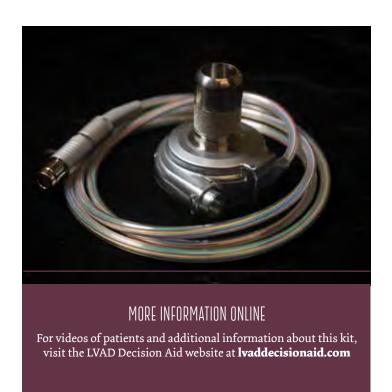
How many people have LVADs

Survival statistics for LVAD patients

Percentages of LVAD patients designated Bridge to Transplant and Destination Therapy

Percentage of Bridge to Transplant patients who receive a heart transplant within the first year after their surgery.

"What I value and what I asked my doctors about was, Will an LVAD give me a better lifespan? Will it improve my quality of life?"



HOW TO DECIDE

"I read, informed myself, watched videos and talked one-on-one with two patients who had an LVAD."

Thousands of people have been in the same situation you are in now. Here are some ways that they and the people close to them have made the right choices for them. These ideas can help as you make your decision.

WHAT'S IMPORTANT TO YOU?

People make different choices about whether to get an LVAD. No single option is right for everyone. The key to making a decision that you are satisfied with is making that decision based on your own values. What is most important to you about how you live the rest of your life? Talk about your values with your loved ones and with your medical team. You can use the tool in this kit called **LVAD and Your Values** to help others understand what is most important to you.

GET THE INFORMATION YOU NEED

This kit has lots of general information that can help you decide whether to get an LVAD. But it's also important to ask questions about your specific situation. For example, your overall health can make it more likely or less likely that you would experience complications during LVAD surgery. In this kit, you will find a list of questions that you can ask your healthcare team.

You should also talk with someone who has an LVAD. This kit includes questions to ask a current LVAD patient as well.



LEARN MORE



OTHER PARTS OF THIS KIT EXPAND ON THE INFORMATION IN THIS TABLE

The **LVAD Surgery** section of this book has more information about the risks of the operation.

The Living with an LVAD section of this book gives details on how people with the device may feel, what LVAD maintenance involves, and the complications that send LVAD patients back to the hospital.

The **About Palliative & Supportive Care** section of this book has more information on medication management of heart failure and "comfort care."

The **Caregivers' Guide** explains how life changes for people caring for a loved one who has an LVAD.

LVAD by the Numbers lists survival rates for LVAD patients and LVAD decliners. It also lists the frequency of LVAD medical complications.

BENEFITS OF GETTING AN IVAN

The LVAD can prolong life.

People with LVADs feel better (feel less shortness of breath, walk farther without getting tired).

BENEFITS OF NOT GETTING AN LVAD

People who choose not to get the device avoid the medical risks of surgery and living with the LVAD.

People who opt not to get an LVAD avoid the lifestyle changes associated with the device.

RISKS & CHALLENGES OF GETTING AN LVAD

The surgery carries risks, such as bleeding, stroke, renal failure, and respiratory failure.

People living with LVADs are at risk for infections and stroke that can happen over time and send them back to the hospital.

An LVAD requires maintenance such as caring for the driveline site and monitoring battery life.

An LVAD requires lifestyle changes for both the patient (special preparations for showering, carrying the device and batteries on all trips outside the home) and his or her caregiver (helping the patient with daily needs in the first weeks after surgery, managing medical appointments).

RISKS & CHALLENGES OF NOT GETTING AN LVAD

People who decline an LVAD deal with continuing heart failure symptoms and hospitalization.

People who decline an LVAD have lower one-year survival rates than people who get the device.

For more details about these risks and benefits, see the **LVAD by the Numbers** section.

"The family meeting with the doctors was really good. We got to ask a lot of questions, and I was so glad that we had it."

MORE INFORMATION ONLINE

For videos of patients and additional information about this kit, visit the LVAD Decision Aid website at **lvaddecisionaid.com**

LVAD SURGERY

BEFORE SURGERY

You are sick and getting sicker. How sick you are affects how you'll do during LVAD surgery and with the LVAD. Your doctor will tell you if you are eligible for an LVAD. If you decide to have the LVAD surgery, you will need to take a couple of steps to get ready for it.



HOME INSPECTION

You will have to make sure your home is ready for you to live in it with an LVAD. Your LVAD team can give you instructions and suggestions on how to prepare your home. Ask your LVAD coordinator or social worker.



MEDICAL TESTS

You will undergo multiple medical tests. Your team needs up-to-date and accurate information about your health before the surgery.



MEET THE TEAM

Your health care team will have several members. It may include a cardiologist, surgeon, LVAD coordinator, social worker, psychiatrist, financial resources worker, and specialist in ethics.

You may meet all of them.

DURING SURGERY

The surgery may take up to 4 hours. The surgery may be a little bit different for every patient. Your surgeon will talk more with you about what will happen in your surgery.

ALL SURGERY HAS RISKS

THE RISKS FOR THIS SURGERY INCLUDE

- · bleeding, requiring blood transfusions (this is common)
- stroke
- infection
- right side heart failure
- renal failure and respiratory failure

The LVAD surgery also has the same risks as every other major surgery. These include the risks that come with being under anesthesia, the risks of being in the hospital, and the risks that come with using a breathing machine.

Your surgeon will talk to you more about the risks. In the event that there are complications during your surgery, please discuss Advance Care Planning with your healthcare team.

AFTER THE SURGERY

Recovery from the surgery is different for every patient. For some people it is easier than others.

SOME OF THE FACTORS THAT MAY AFFECT YOUR RECOVERY INCLUDE



- your age
- · how healthy you were before surgery
- · how motivated you are to get well
- · how healthy you are mentally
- how much support you have from family and friends
- how well your caregiver understands the LVAD

Some people are so sick before the surgery that they stay in the Intensive Care Unit (ICU) and hospital for a longer time compared with patients who are less sick. They also spend more time in physical rehabilitation (rehab).

Most people stay in the ICU for 7-10 days, but this may be different at different hospitals.

Ask how long the average stay is at your hospital.

The surgery is major. You will have tubes in your chest and mechanical sleeves on your legs. You may also have temporary pacing wires, IV drips to provide continuous medications, and a breathing machine. You will most likely be in some pain, though it soon gets better for many patients. Pain can also be managed with medication.

After you leave the ICU, you'll stay in the hospital or in a rehab facility for another several days.

For the average patient, the hospital stay (including intensive care and rehabilitation) after surgery is at least two to three weeks. You'll have physical and occupational therapy to help you get strong enough to go home.

Recovery occurs on a spectrum and every patient may recover differently.



LIVING WITH AN LVAD

"The hardest part when you first get home is that you have to rely on someone else a lot.

But slowly I got stronger and was able to do things by myself,

like make my bed and stand at the stove and cook."

Life with an LVAD looks different for every patient, and it changes over time. This section will explain more about what to expect if you decide to get an LVAD.

THE FIRST 8-12 WEEKS AT HOME

In the first eight weeks after an LVAD patient returns home from the hospital or rehab center, he or she will need lots of help from a caregiver. During this time, caregivers help people with LVADs with daily activities like preparing meals, going to the bathroom, and showering.

People with LVADs must not lift anything heavier than 10 pounds during their first eight weeks of recovery at home. And they may not be able to drive for at least 6-12 weeks after the surgery. When or whether a patient can start driving again depends on what his or her doctor recommends.

LEARN MORE



LVAD INFORMATION

Refer to your device manual for more information on how your device works and instructions on maintenance.

After the first weeks of recovery at home, patients can typically start resuming daily activities. How much they are able to do depends on how their health is improving and how much they work to be independent.



LVAD EQUIPMENT AND MAINTENANCE

The LVAD pump is inside the body. The pump must be plugged in to either a wall outlet or batteries that LVAD patients carry. People with LVADs also carry a controller. **When they leave the house, patients should carry 2 extra batteries and 1 extra controller.**

LVAD patients and their caregivers learn to act on the LVAD's alarms and understand LVAD readings. For example, when LVAD battery life is getting low, the controller beeps loudly.

The LVAD driveline connects the pump inside the body with the controller outside the body. LVAD patients and caregivers learn how to recognize potential problems with the driveline, such as kinking or pulling.

The spot where the driveline leaves the body is called the driveline site. People with LVADs and their caregivers learn how to change the dressings at the driveline site. **They have to change the dressings very frequently**. It's very important to change the dressing correctly each time. This helps decrease the chances of getting a dangerous infection at the driveline site.

Patients and caregivers should call their LVAD team if the driveline site becomes red or irritated, if the device makes a sound they don't recognize, if there is blood in the patient's stool, and any other time they have questions about the LVAD.

Because the LVAD can't get wet, people who have the device can't take a bath or swim. Showering with an LVAD takes special preparations.

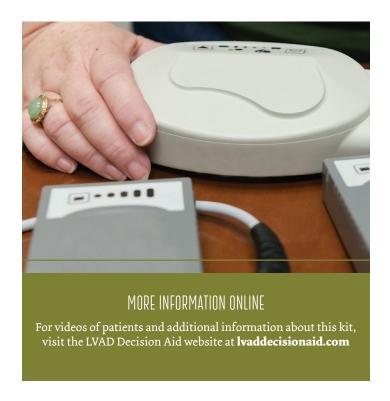
If the LVAD stops for a prolonged period, heart failure symptoms would return and the patient would likely die. Because of this, LVAD patients must take two extra batteries and an extra controller with them whenever they leave the house. Patients and caregivers may also have to take special actions to prepare for and deal with emergencies that might disrupt electrical power. For example, they may need to have a backup generator.

Changing the dressing requires supplies such as gauze, gloves, and cleaning supplies, which most patients have to pay for out of pocket. See the **More Resources** section of this book for medication and medical supply resources.

If receiving HeartMate 3™ LVAD, please see included HeartMate 3™ supplement

"You will have some limitations because of the weight of the batteries, plus the controller, and that feels heavy by the end of the day.

That's why I wear a vest that distributes the weight."



WHAT LVAD PATIENTS CAN (AND CAN'T) DO

LVAD patients typically feel better and have more energy once they get past the first weeks of recovery. They may be able to take part in more activities than they could before they got an LVAD.

Keep in mind that every LVAD patient is different. What a patient is able to do after surgery depends on factors like his or her overall health and whether the patient experiences medical complications from the LVAD.

ACTIVITIES THAT LVAD PATIENTS CAN TYPICALLY DO OR DO MORE OF

Being mobile
Spending time with family
& friends

Gardening

Cooking

Cleaning house

Exercising (lightly to moderately) or playing non-contact sports

Traveling short distances by car

Sleeping (it takes a little getting used to, but for most is not a problem)

Having sex

Fishing (if safely guarded from water)

ACTIVITIES THAT LVAD PATIENTS MAY BE ABLE TO DO

(Depending on their age, their other health issues, and the support they have)

Returning to work (depending on their job)

Exercising or playing sports more intensely

Traveling by plane, taking longer car trips or other kinds of more extensive travel (packing and transporting LVAD equipment is extra work, and the patient's LVAD team must be notified)

ACTIVITIES THAT LVAD PATIENTS CANNOT DO

Swimming

Bathing (LVAD patients can take showers only)

Fishing from a boat or boating (risky because of proximity to water)

HOW LVAD PATIENTS FEEL EMOTIONALLY

Living with the LVAD may also bring emotional changes that affect patients' and caregivers' lives.

- People with LVADs may feel depressed, anxious, or stressed.
- They may not like feeling dependent on others.
- They may worry about money or about how they are affecting their caregivers.
- Many LVAD patients report that being attached to the machine is uncomfortable and inconvenient at first, but that they get used to it over time.
- They may feel self-conscious about having to carry the LVAD equipment in public.
- People who have LVADs also may feel happy that they can do more activities and grateful for added time with loved ones.

All of these feelings are normal. And they can all affect patients' relationships with caregivers and other people close to them in both negative and positive ways.

"Before the LVAD I couldn't run and now I can run a little. And I can walk far without shortness of breath or getting tired and stopping. I can clean my house, cook for myself, lots of personal things I am really proud of."

MAINTAINING YOUR HEALTH

People who have LVADs still have to take medications. They commonly take blood thinners such as **Coumadin that help prevent blood clots from forming**. Many patients also require follow-up treatment for pre-existing high blood pressure. Patients and their caregivers manage the medication schedule.

LVAD patients also go to regular medical appointments to make sure the device is working right. For the first three months, patients have frequent visits for equipment checks, driveline inspections, blood work, and heart ultrasounds. After that, LVAD clinic visits may occur less often. Talk to your LVAD team about your follow-up schedule.

Patients also do daily health checks, such as recording their vital signs and weight. They take that information with them to medical appointments.

Many patients may have to stay on a heart failure diet, which restricts fluids and salt.

Doctors may ask patients to make other changes so that they can stay as healthy as possible with the LVAD. These can include quitting smoking and losing weight.

THE RISK OF MORE HEALTH PROBLEMS

Doctors can't predict everything about how a patient's body will respond to an LVAD. But in the two years after surgery, most people who get an LVAD will have to go back into the hospital. The reasons they have to go back to the hospital include:

- They get an infection.
- They keep having heart failure symptoms such as shortness of breath.
- They experience bleeding in their GI tract (most commonly in the stomach and upper small intestines).
- A blood clot blocks their blood flow.
- They suffer a stroke.
- The device stops working and needs to be replaced.

Talk with your healthcare team about how your age, your overall health, and other factors that affect whether you would experience any of these problems with the LVAD.

"You're going to have to take care of yourself even with an LVAD, which means no drinking, smoking, or going back into those habits because you think you feel better."

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PATIENT & CAREGIVER STORIES

LVAD patients and caregivers share what living with the device has been like for them in the **Patient & Caregiver Stories** section of this book.

ABOUT PALLIATIVE & SUPPORTIVE CARE

"I chose to make this decision with my wife. I would never have made a decision that she wasn't agreeable to. And she wanted to know what I felt."

You may have heard these terms mentioned as alternatives to getting an LVAD.

WHAT IS PALLIATIVE CARE?

Palliative care focuses on giving physical and emotional relief to people who have serious illnesses. It focuses on caring for, rather than curing, the patient.

Both people who get an LVAD and people who decline the device can make use of palliative care to control pain and manage symptoms.

Palliative care takes a team approach. The patient and his or her family work with doctors and other specialists to help give the patient the best quality of life possible. Everyone works to help the patient avoid suffering.

Through the different stages of the patient's illness, the palliative care team addresses his or her physical, intellectual, emotional, social, and spiritual needs.

Most hospitals have a palliative care doctor working with the heart team. If you are interested in learning more about palliative care, your doctor can help you talk with an expert.

WHAT IS ADVANCE CARE PLANNING?

Advance care planning is a term that refers to plans you make ahead of time to let your family and your doctors know about your preferences related to future medical care. In the case you are unable to speak for yourself, an "advance directive" helps others to make decisions in line with your values. As you are making major decisions about your health, ask your doctor about your advance care planning options.

LEARN MORE



PALLIATIVE & SUPPORTIVE CARE

The **More Resources** section of this book lists websites where you can learn about palliative care and hospice, as well as advance care and end-of-life planning.

WHAT IS HOSPICE?

Hospice is not a place. It's a type of healthcare for people with serious illnesses who are nearing the end of their lives.

People receive hospice care in their homes, in hospice centers, and in other medical facilities.

Hospice focuses on making the end of life natural and as comfortable as possible. People in hospice don't receive treatments to try to prolong their lives. Instead, a hospice care team focuses on relieving patients' pain, if any, and offering emotional and spiritual support to the patient and his or her family. Hospice also helps the family in the immediate time after the death.

Some people decide that the LVAD is too much work or that they would prefer to make the best of the days they have left instead of taking on the risks and challenges associated with surgery. These people often turn to hospice and palliative care to help them feel as good as possible and enjoy their remaining time as best they can.

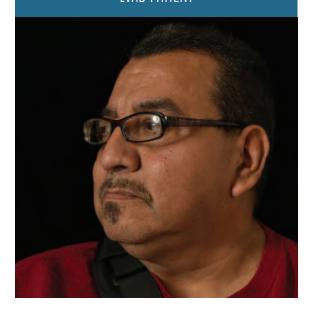
"Things are different. I'm used to being more independent and now I depend more on others. But that can bring people closer as well."







LVAD PATIENT



PHILLIP

"I know I'm going to keep my strength up to come out strong."

Phillip's sister passed away from heart failure when she was 45. Phillip began to experience the same symptoms himself around the same age. Feeling short of breath and unable to walk for even short periods of time, he knew that he wanted to intervene sooner rather than later.

When his health began to decline further, he had the option of getting an LVAD. He felt scared to undergo a major surgery. He worried that he might not be strong enough to get through it. But he and his wife remained optimistic.

He decided to get an LVAD, because he hoped it might give him the chance to get back to his hobby of building model cars, and more importantly for him, to be alive and spend more time with his 4-year-old granddaughter.

"I know I'm going to keep my strength up to come out strong," he said.

He also hoped that the LVAD might be a bridge to one day getting a heart transplant, if he needed one.

But he knew being listed for a transplant was no guarantee.

He felt happy to have caregivers close by to help him through his decision and his recovery. "My family is all local," he said, "and I like the idea of having them here for moral support."

He was concerned that caretaking might be a lot of responsibility for his wife. So he told her, "You're not going to be stuck, because I'm going to do the best I can to help you at the same time you're helping me."

Phillip is now scheduled to get his LVAD. He is using his time in the hospital to ask his healthcare team as many questions as he can. He wants to learn more about what to expect from his treatment.

He is asking questions about how to pay for his treatment on his limited income. He also wants to know how to prepare both himself and his wife for challenges that may come.

"It's a change, but it's manageable."





LVAD PATIENT

JEFF

"It's a change, but it's manageable."

Jeff, 70 years old and a former engineer, found out that he was not eligible for a heart transplant.

His doctors recommended he get an LVAD as "destination therapy."

That meant he would live with the device for the rest of his life.

The first thing Jeff wanted to know was what would happen if he didn't get the LVAD.

"Will I have a heart attack?" he wondered.

He was also concerned about the risks of serious surgery, especially at his advanced age. He talked to his healthcare team about these concerns. He weighed the pros and cons and then decided, "Let's go with the LVAD."

Jeff had not realized how much the LVAD would change his lifestyle. He had to get used to carrying the battery pack around with him. He also takes blood thinners.

They cause him to bleed easily if he nicks himself during his favorite activities, like gardening or metal detecting.

Despite these drawbacks, Jeff is glad to get back to his hobbies. Learning as much as he could about the device helped Jeff to feel more comfortable living with the LVAD.

An engineer by trade, he "loved delving into the science behind LVAD technology," he said.

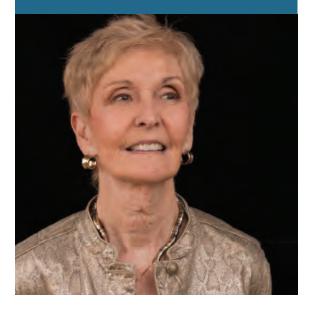
He likes to talk to other patients considering LVAD therapy about what they can expect. He knows that everyone is different, but he likes to share his own experiences and knowledge. He feels that it is especially important to talk with both the patient and the patient's caregiver. He remembers how it helped him and his wife to talk to other patients when they were deciding. He likes to reassure other patients that "It's a change, but it's manageable."

"It was overwhelming at first."









FI 17 ABFTH

"It was overwhelming at first."

Elizabeth's husband, Jeff, had been suffering with heart issues for a few years. After speaking with the medical team, they decided together that he should get an LVAD.

Once they decided, Elizabeth considered her role as a caregiver. At 69, the former teacher hoped that she could effectively encourage him at every stage of the operation.

"Even pre-operation, I tried to help him mentally to get stronger, to eat right, and to try to keep him exercising," she said.

At first, the idea of her husband having an LVAD was hard to accept. "He's on batteries," she said, "for the rest of his life." But she told herself, "You can do this. You can do this."

Elizabeth's family waited with her during her husband's surgery. She knew she could use their support.

When her husband came home from the hospital, she found it difficult to care for him by herself.

"It was overwhelming at first," she said. With no kids, Elizabeth longed for some help. But she was afraid to ask her neighbors and friends. "I'm the type of person, I guess, that I just like to do it myself," she said.

It got easier as she shared responsibilities with her husband.

She also learned to give herself breaks. Even though she knows how to change his bandages and batteries, "Sometimes I knew he wanted to do it himself," she said, "so I just let him do that."

She discovered that she could draw on the LVAD team for help whenever she needed anything. Having them on-call is an important source of comfort to her. Elizabeth said what has helped her the most was developing a good relationship with her doctors and the LVAD team. This allows her to feel more involved, informed, and supported.

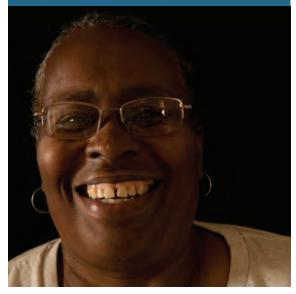
"You just get used to it," she said. "The changes in your lifestyle simply become a 'new normal."

"I really want to get a new heart."









BRENDA

"I really want to get a new heart."

Brenda's doctor recommended the LVAD. But the idea of surgery scared her.

"What if I die on the operating table?" she feared.

Still, she was tired of feeling out of breath. She also wanted to move around more easily.

At 56, the former facilities operator is used to being on the go.

She talked with an LVAD patient to get more information. He told her how the device helped him get back to activities he enjoyed. Brenda felt that maybe the LVAD could help her, too. She still wasn't sure, but she decided to try it.

Since Brenda got her LVAD, she has been going to her medical appointments regularly and feeling pretty good.

Sometimes she still gets a little tired. But she can make her bed, sweep, dust, and even mop a little bit when it doesn't require too much bending over.

Brenda lives alone with her daughter nearby. She appreciates the support of the LVAD team whenever she has a concern.

"They are so nice," she said. "They treat you like family."

She also feels that her faith helped her to gain strength and independence during recovery.

Most LVAD patients have only one device in their lifetime. But Brenda has had to replace her LVAD twice. This was because of infections in the driveline. The surgeries have been hard on her mentally and physically.

But she believes the LVAD has saved her life.

"I don't want to keep the LVAD for the rest of my life," Brenda says. "I really want to get a new heart."

She is waiting to see whether certain health improvements will make her eligible for a transplant.

"Until that time comes," she said, "I'm satisfied with the LVAD."

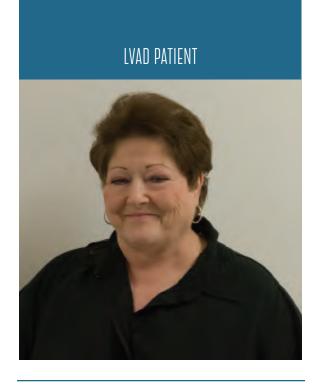
"Find out as much information as you can."

SUSAN

"We might have looked for other alternatives."

SAM





SUSAN

"Find out as much information as you can."

Before Susan got an LVAD, she had trouble moving around.

"I could walk, but I couldn't hardly breathe," she said. "If I could breathe, I couldn't walk."

Susan's main motivation for getting the LVAD was to return to the way she had been when her health was better.

"I wanted my life to at least get back to some kind of normalcy to where I could enjoy my grandkids and do what I want to do," she said.

She felt the LVAD team was very knowledgeable about her condition, and "they didn't try to sugarcoat it."

"The main thing the doctors kept saying was this is a life-changing situation," Susan said.

After her surgery, she experienced unexpected complications. She began to feel discouraged. She had a number of blood transfusions, and her doctors struggled to figure out the source of the bleeding in her intestines.

She also didn't like how heavy the LVAD battery was.

"I don't have any problem with it being a life-changing treatment, but the battery is very heavy," she said.

"I didn't know it would be so hard to maneuver."

Susan's recovery was difficult on her husband, Sam, too. Her strong dependency on him became frustrating for them both, causing arguments and tension in their relationship. But Sam remained supportive throughout her recovery. Susan also feels grateful that she can now see her grandchildren growing up. For her, that makes the complications of her recovery worthwhile.

She said her biggest challenge is the uncertainty of recovery. "It's just the not knowing," she said.

Her advice for other patients considering LVAD treatment is to "Know what you're getting into.

Find out as much information as you can."



SAM

"We might have looked for other alternatives."

Sam is 65 and a retired police officer. His wife, Susan, suffered a heart attack. After that, her health got worse.

She couldn't walk without stopping many times to catch her breath.

Sam and his wife asked their healthcare team what treatments were available for congestive heart failure.

They learned about LVAD therapy.

"A lot of people told us different things about the LVAD," he said. "And my wife got a book to read through, but it was hard to understand."

They felt they did not understand the risks and benefits of LVAD. But they agreed to LVAD therapy.

The outcome was not as easy as they had hoped. Sam's wife had a difficult recovery in the ICU. She had to return to the hospital many times to treat intestinal bleeding.

With their kids grown and moved out, Sam took on most of the caregiving responsibility.

"We really didn't have anybody else to help us except for me," he said. "I did all the bandage changing, managed the batteries, everything."

Even though he knew he did his best to help his wife, Sam sometimes felt guilty.

"She's an outgoing person and wants to go and do a lot of things," Sam explained. "All of a sudden, here she is, hospitalized again. I felt it was my fault for pushing her."

After a 10-week hospital stay, his wife's bleeding finally stopped. She began to look much better. Still, Sam wishes there were other options.

"My wife said that if she had known more about the potential complications, we might have looked for other alternatives," he said.

Sam encourages other caregivers to talk to other LVAD patients about their experiences. He says this will help them understand the range of experiences that patients and caregivers have.

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All medical decisions should be made in consultation with a doctor.

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