

Other names:

- Heart Pump
- Mechanical Pump
- Ventricular Assist Device (VAD)
- Left Ventricular Assist Device (LVAD)
- Left Ventricular Assist System (LVAS)
- Right ventricular assist device (RVAD)
- Biventricular assist device (BIVAD)
- Total Artificial Heart (TAH)

The purpose of this guide is to help patients and families find sources of information and support. This list is not meant to be comprehensive, but rather to provide starting points for information seeking. The resources may be found at the Mardigian Wellness Resource Center located off the Atrium on the 2nd floor of the Cardiovascular Center. Visit our website at <http://www.umcvc.org/mardigian-wellness-resource-center> and online Information Guides at <http://infoguides.med.umich.edu/home>

Michigan Medicine Resources

Michigan Medicine VAD Program

<https://www.umcvc.org/conditions-treatments/vad-program-center-circulatory-support>

Information on the VAD Program as well as examples of the many options for mechanical circulatory assistance available.



- **Cardiovascular Disease Prevention & Rehabilitation Program** at Domino's Farms offers a number of relevant programs and services including:

- Cardiac Rehabilitation Program
- Exercise Consultations
- Nutrition Services
- Stress Management Services

For more information access <http://www.umcvc.org/medical-services/cardiovascular-disease-prevention-and-rehabilitation>
or call: 888-287-1082

- **University of Michigan Adult Heart Transplant & Center for Circulatory Support VAD Support Group**

The VAD Patient and Family Support Group is comprised of pre and post heart transplant patients and their families. The goal of the group is to provide a place where patients and families can receive both professional and peer support on a regular basis.

Meetings are usually on the first Monday of the month. For further information see the following <http://www.umcvc.org/heart-transplant-lvad-support-group> or call 888-287-1082

- **Tobacco Consultation Service**

Group and individual quit-smoking programs.

For more information access:

<http://hr.umich.edu/mhealthy/programs/tobacco/> or call 734-998-6222 or email quitsmoking@med.umich.edu



Books

- Halben, Ruth. **Heart 2 Heart: Stories from Patients with Left Ventricular Assist Devices**. Ann Arbor, MI: Michigan Publishing, 2017.

Brochures, Fact sheets

Abbott Cardiovascular

- **Embrace Excellence Every Day with the HeartMate 3**
<https://tinyurl.com/5x37zypw>
- **HeartMate 3 LVAD Patient Guide**
<https://tinyurl.com/2p8v5t2j>
- Colorado Program for Patient-Centered Decisions. **A Decision Aid for Left Ventricular Assist Device (LVAD) booklet**.
<https://patientdecisionaid.org/wp-content/uploads/2021/10/Lvad-pamphlet-9.28.21.pdf>

This booklet helps you understand what an LVAD is and the factors to consider when deciding if an LVAD is for you.

Articles

- Givertiz, Michael M. “**Cardiology Patient Pages: Ventricular Assist Devices: Important Information for Patients and Families**”. *Circulation: Journal of the American Heart Association*. 2011;124:e305-e311.
Access online at: <http://circ.ahajournals.org/content/124/12/e305>



Audiovisual Resources

- **Abbott Cardiovascular Understanding HeartMate 3 LVAD Therapy**
In this video, you will learn about mechanical circulatory support, HeartMate 3 LVAD therapy and how it can help people with advanced heart failure. 6:29 minutes.
<https://youtu.be/TXiIR-IDPdw>
- **Colorado Program for Patient-Centered Decisions. Left Ventricular Assist Device (LVAD) Decision Aid Video.** <https://vimeo.com/586178890>
This video is for patients with heart failure who are trying to decide whether to get a left ventricular assist device (LVAD) for permanent treatment.

Web Resources

- **Abbott Cardiovascular: Providers of the HeartMate 3 LVAD**
<https://www.cardiovascular.abbott/us/en/patients/treatments-therapies/heartmate-lvad-therapy.html>
This site provides information on HeartMate VAD's. Some materials may be accessed online and some may be requested on the site.
- **American Heart Association: Implantable Medical Devices**
<https://www.heart.org/en/health-topics/heart-attack/treatment-of-a-heart-attack/implantable-medical-devices>



- **National Heart, Lung, and Blood Institute (NHLBI): Total Artificial Heart**
<https://www.nhlbi.nih.gov/health/total-artificial-heart>

This section provides an easy-to-read overview.

- **SynCardia Systems, Inc.** providers of the CardioWest™ Temporary Total Artificial Heart

<http://www.syncardia.com/>

→ Click on “Patients & Families”

Information is provided here on general heart education as well as what to expect with a total artificial heart as well as a downloadable Patient Brochure.

Patient Support Organizations

- **American Heart Association**
<http://www.heart.org> 1.800.242.8721

- **MyLVAD**
<http://www.mylvad.com/>

This site is an Internet based community for LVAD recipients, their families and friends. It helps those with LVADs to reach out, network and better understand their new lives through their connections with others.

Disclaimer: This document contains information and/or instructional materials developed by University of Michigan (U-M) Health for the typical patient with your condition. It may include links to online content that was not created by U-M Health and for which U-M Health does not assume responsibility. It does not replace medical advice from your health care provider because your experience may differ from that of the typical patient. Talk to your health care provider if you have any questions about this document, your condition or your treatment plan.

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