

IN CASE OF EMERGENCY

I have a _____ VAD.

The HVAD® System is a ventricular assist device (VAD) or implanted blood pump providing circulatory support for advanced heart failure patients.

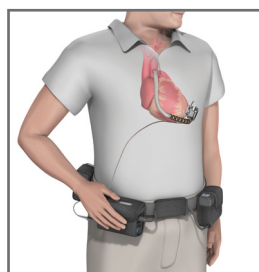
A cable exits the body and is connected to a controller and pair of batteries, or a battery and electricity from the wall or car outlet, providing power to the pump.

HeartWare®

The controller operates the pump and indicates any problems with the system. The display on the controller provides information about the pump performance including:

- Blood flow through the pump in L/Min.
- Pump speed in RPM.
- Amount of power consumed in Watts.

When an alarm occurs, the pump information is replaced by two lines of text indicating what the alarm is and what to do.



Critical Battery 1
Replace Battery 1

Emergency contact numbers:



VAD Coordinator/Nurse _____

VAD Program _____

Physician _____

When transporting a patient with the HVAD System, ALWAYS keep with the patient:

- Back-up controller and spare batteries.
- The AC adapter and battery charger to support continuous power.
- The caregiver, when possible; he/she is trained and can provide valuable knowledge about the HVAD System.

It is safe for the patient to be transported by ground or air.

Emergency management and patient assessment:

- DO NOT disconnect the driveline or both power sources; the pump will stop.
- Patients with VADs still experience non-device related medical conditions.
- Since pulse or blood pressure may be difficult to obtain, alternative assessment techniques may be helpful such as skin color and temperature to assess perfusion status.
- Follow hospital policies and/or Advanced Life Support protocols.
- Patients may receive IV fluids, medications, be defibrillated or cardioverted without interference or disconnection from the HVAD System equipment.
- Clinical judgment should be used when initiating CPR.
 - Pump placement and function must be checked after CPR has been performed.
- DO NOT perform MRI; this could cause harm to patient or cause the pump to stop.

For more information refer to the HeartWare Ventricular Assist System Instruction for Use and the Emergency Responder Guide.

CAUTION: Federal law (USA) restricts this device to sale by or on the order of a physician. Refer to the "Instructions for Use" for complete Indications for Use, Contraindications, Warnings, Precautions, Adverse Events and Instructions prior to using this device. The IFU can be found at www.heartware.com/clinicians/instructions-use.

WARNING: Serious and life-threatening adverse events, including stroke, have been associated with use of this device. A user must fully consider the risks of this device with that of other treatment modalities before deciding to proceed with device implantation.

In the USA the HVAD System is intended for use as a bridge to cardiac transplantation in patients who are at risk of death from refractory end-stage left ventricular heart failure.

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HeartWare®

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