

ATTENTION EMERGENCY MEDICAL PROVIDERS

DO YOU KNOW WHAT THIS PATIENT HAS?
DO YOU KNOW WHAT TO DO FOR THEM?



<p>HeartMate II BP goal <90 Warfarin/Aspirin Pocket controller has EBB (emergency backup battery) FDA approved BTT or DT</p>	<p>HeartWare HVAD BP goal <90 Warfarin/Aspirin No internal battery FDA approved BTT</p>	<p>HeartMate3 BP goal <90 Warfarin/Aspirin Pocket controller has EBB (emergency backup battery) Investigational</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------

This patient has a type of left ventricular assist device (LVAD) which is an internal pump for the treatment of heart failure. The pump provides continuous flow blood flow from the left ventricle to the aorta.

- Call Strong Hospital Advanced Heart Failure Team @1-800-892-4964.
- Listen for a humming sound where the heart is.
- **Do not perform CPR if pump is on.**
- Patient is dependent on power; transport with backup controller, batteries.
- Patient is on anti-coagulation and anti-platelets to prevent pump thrombus.
- The patient may have a weak or absent "blood pressure" and radial pulse. Assess adequate perfusion based on mentation, skin color and capillary refill.
- Blood pressure measured by Doppler if available, goal <90.
- Identify and treat life threatening events such as altered mental status, respiratory distress and trauma like any other patient. **IF INR REVERSAL IS BEING DISCUSSED:**

Call 1-800-892-4964 to speak with Advanced Heart Failure Team



MEDICINE of
THE HIGHEST ORDER



Attention Emergency Medical Providers

LVAD Monitoring for signs of poor perfusion

To assess a LVAD Patient:

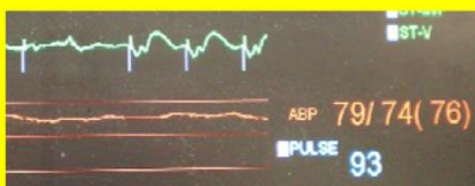
- Listen for a pump noise at LV apex
- Check for adequate signs and symptoms of perfusion.
- Verify adequate power for the anticipated monitoring period.
- Verify patient has backup equipment: spare controller and batteries
- Page VAD coordinator for any signs of inadequate perfusion, alarms from the device, altered mental status, bleeding or respiratory distress.



Understanding LVAD Vital Signs



No LVAD patient
Regular Rhythm
Normal Pulse



LVAD Patient
Abnormal ECG
Narrow or absent pulse

For a UR Medicine LVAD patient, please call Advanced Heart Failure Team @1-800-892-4964 to discuss plan of care and need to transfer.

Obtaining a Blood Pressure

1. Find arterial flow with Doppler
2. Increase cuff pressure till signal goes away
3. Decrease pressure till signal returns



MEDICINE of
THE HIGHEST ORDER



STRONG
MEMORIAL HOSPITAL