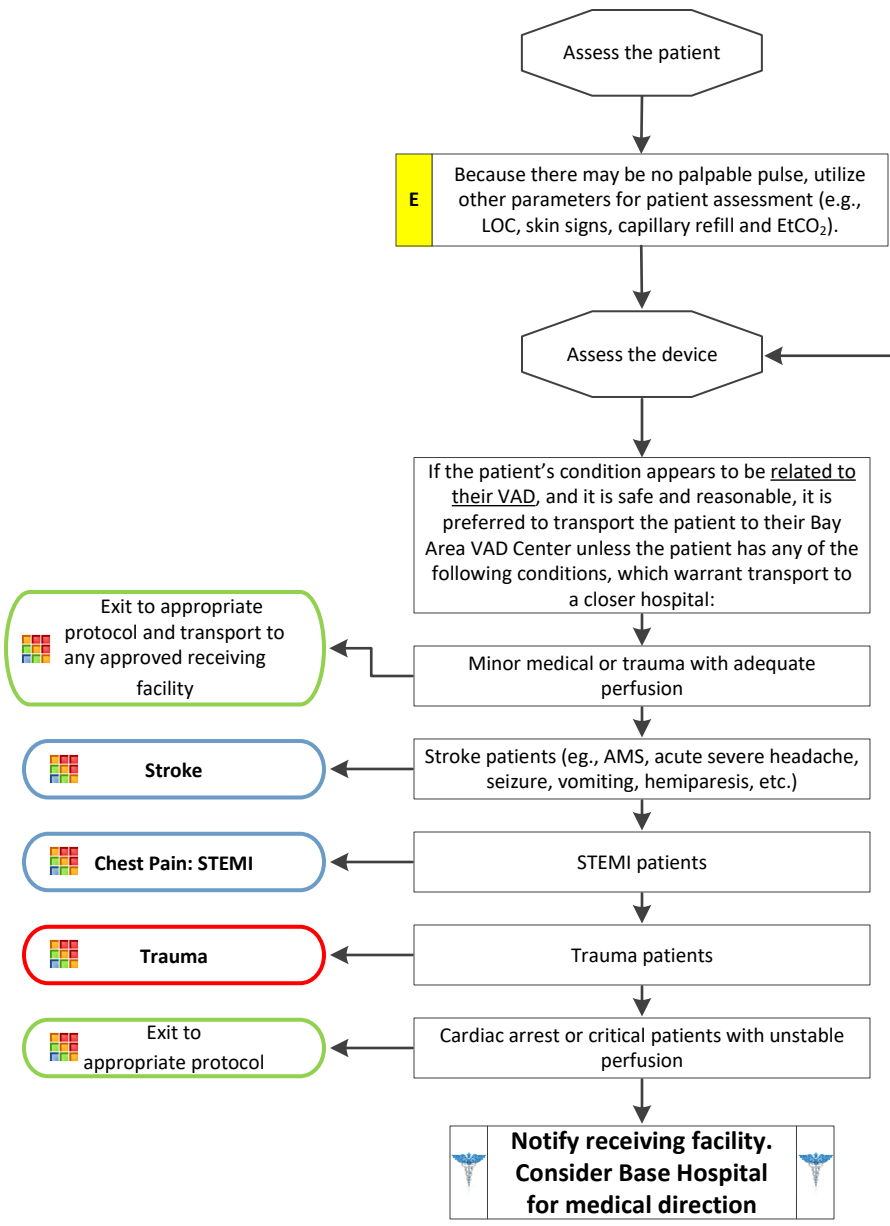


Ventricular Assist Devices

Bay Area VAD Centers

Stanford – Palo Alto
 Lucile Packard – Palo Alto
 California Pacific Med. Ctr. – SF
 UC San Francisco – SF
 UC San Francisco – Mission Bay
 Kaiser Santa Clara – Santa Clara

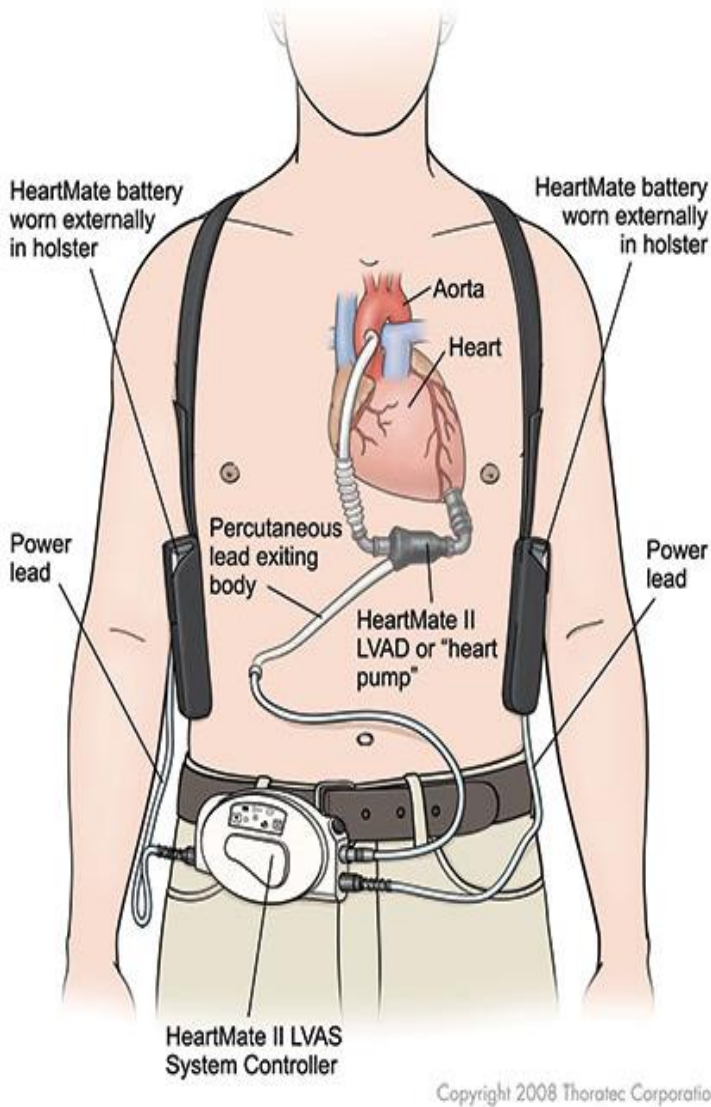


E	Device information, implant center, and VAD Coordinator contact number may be located on the device itself, on the refrigerator, or medical alert bracelet
	If a caregiver is present, yield to their advice.
	You are authorized to take orders from professionals at the LVAD Center, as long as they are within your scope of practice.
	For continuous flow devices (no palpable pulse), auscultate the left upper quadrant of abdomen or over the heart and listen for the "hum" of the device
	Determine if the device has power <ul style="list-style-type: none"> • If the device has power, it does not necessarily mean it is working properly • If the device has power, you will see lights or pump giving you information • The display will tell you the liters per minute of blood flow
	Check the device for secure connections and properly charged batteries
A malfunctioning pump should beep. If the pump is functioning with good flow, CPR is not indicated.	

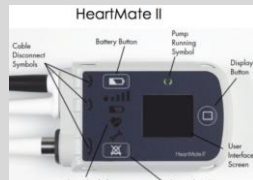
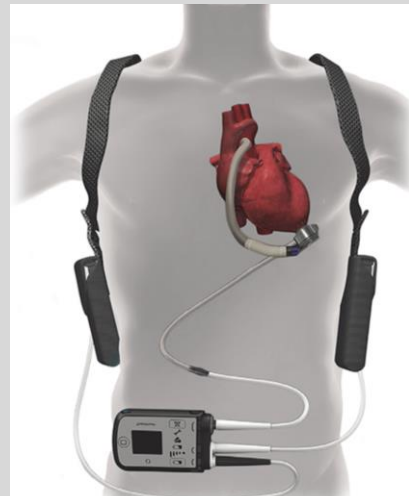
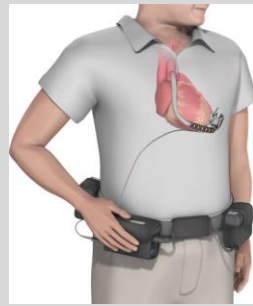
General Treatment Protocols



Ventricular Assist Devices



VAD CENTER	VAD Coordinator
Stanford Health Care	(650) 723-6661
Lucille Packard Children's Hospital at Stanford	(650) 723-6661
California Pacific Medical Center – Davies Campus	(415) 600-1051
UC San Francisco	(415) 514-5823
Kaiser Santa Clara	(408) 851-3750



General Treatment Protocols

Pearls

- Patients may be cardioverted or defibrillated if symptomatic, but asymptomatic dysrhythmias do not require treatment.
- Chest compressions can be performed, but only if you are certain the pump is not working and/or no flow through the VAD.
- Treatment should otherwise follow appropriate treatment guidelines.
- Contact the Base Hospital with questions or if directed by patient's caregiver or LVAD Center personnel to do something outside of your protocol.
- If possible, the patient's family member or caregiver should accompany the patient in the ambulance, and all related VAD equipment, including spare batteries, should also be transported with the patient.
- In arrest situations, determine if a POLST/DNR or advanced directive is available. Many VAD patients have made end of life care decisions.