DAILY DIARY: HEARTWARE™ HVAD™ SYSTEM

Medtronic

IT IS IMPORTANT TO MANAGE AND MONITOR YOUR PHYSICAL AND LVAD PARAMETERS CAREFULLY WHILE YOU HAVE THE HEARTWARE™ HVAD™ SYSTEM IMPLANTED.

Patient Information

Name: _____

Phone: _____

Date of implant: _____

Hospital Information

Name: _____

Physician: _____

Phone number: _____

VAD team / contact person: _____

Phone number: _____

Next Appointments

Date & time: _____

Date & time: _____

Date & time: _____

Reminder: Please bring your diary with you to each regular clinic visit.

The VAD team recommendations are (e.g. INR, blood pressure, dressing changes):

Call your VAD team when:

The HVAD System is a continuous flow device. This means there may be a narrow pulse pressure, which can make it difficult to obtain a blood pressure. The VAD Team will discuss with you the best way to obtain your blood pressure.

1. If you have a palpable radial pulse, a blood pressure cuff will be used to obtain the measurements that you should write down in the diary as SBP and DBP.

2. If you do not have a palpable radial pulse, a doppler and blood pressure cuff will be used to obtain the measurements that you should write down in the diary as doppler pressure.

	Physical Parameters							LVAD Parameters				Additional Remarks
	Blood Pressure				INR	Weight	Exit Site	Flow	Speed	Power	Alarms	Please record any abnormalities you are realizing e.g. body temperature, exit site, change in health, pain, system components, alarm details, etc.
Date	Time (AM/PM)	SBP	DBP	Doppler Pressure		Lbs/kg	Status 1 to 3	L/min	RPM	Watts	Y/N	

	Physical Parameters							LVAD Parameters				Additional Remarks
	Blood Pressure				INR	Weight	Exit Site	Flow	Speed	Power	Alarms	Please record any abnormalities you are realizing e.g. body temperature, exit site, change in health, pain, system components, alarm details, etc.
Date	Time (AM/PM)	SBP	DBP	Doppler Pressure		Lbs/kg	Status 1 to 3	L/min	RPM	Watts	Y/N	

	Physical Parameters							LVAD Parameters				Additional Remarks
	Blood Pressure				INR	Weight	Exit Site	Flow	Speed	Power	Alarms	Please record any abnormalities you are realizing e.g. body temperature, exit site, change in health, pain, system components, alarm details, etc.
Date	Time (AM/PM)	SBP	DBP	Doppler Pressure		Lbs/kg	Status 1 to 3	L/min	RPM	Watts	Y/N	

	Physical Parameters							LVAD Parameters				Additional Remarks
	Blood Pressure				INR	Weight	Exit Site	Flow	Speed	Power	Alarms	Please record any abnormalities you are realizing e.g. body temperature, exit site, change in health, pain, system components, alarm details, etc.
Date	Time (AM/PM)	SBP	DBP	Doppler Pressure		Lbs/kg	Status 1 to 3	L/min	RPM	Watts	Y/N	

	Physical Parameters							LVAD Parameters				Additional Remarks
	Blood Pressure				INR	Weight	Exit Site	Flow	Speed	Power	Alarms	Please record any abnormalities you are realizing e.g. body temperature, exit site, change in health, pain, system components, alarm details, etc.
Date	Time (AM/PM)	SBP	DBP	Doppler Pressure		Lbs/kg	Status 1 to 3	L/min	RPM	Watts	Y/N	

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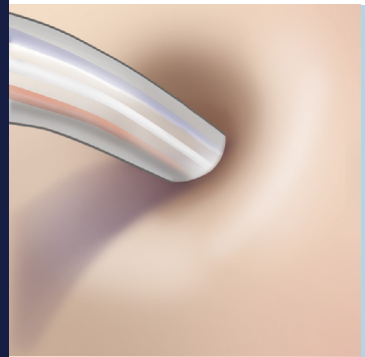
DRIVELINE EXIT SITE EXAM

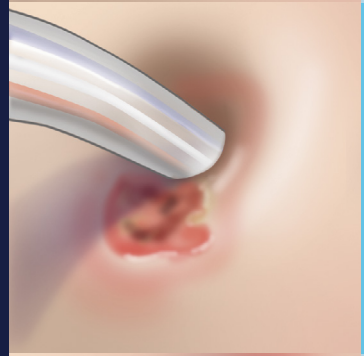
Check the exit site for signs of infection as part of every dressing change.

Record the site score (1-3) in the diary.

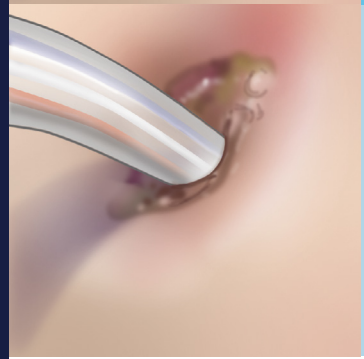
1. Normal driveline exit site
2. Superficial infection
3. Deep infection



✓ **Normal driveline exit site:**
No redness, tenderness or drainage.
Skin well incorporated (tight) to the driveline.



X **Superficial infection:**
Purulent (pus) drainage, tenderness and redness spreading around the exit site.
Skin may be pulling away from the driveline.



X **Deep infection:**
Increased drainage and redness, odor and painful.
Abscess deep to the incision around the driveline. Skin pulled away from the driveline.

Brief Statement: HeartWare ™ HVAD™ System

Indications for Use

The HeartWare™ HVAD™ System is indicated for hemodynamic support in patients with advanced, refractory left ventricular heart failure; either as a Bridge to Cardiac Transplantation (BTT), myocardial recovery, or as Destination Therapy (DT) in patients for whom subsequent transplantation is not planned.

Warnings/Precautions

Proper use and upkeep of the HeartWare™ HVAD™ System is important to keep the pump working well. This device may cause serious and life threatening events, including stroke. Managing your blood pressure may reduce the risk of stroke. Never remove both power sources at the same time (batteries or power adapters) since this will stop the pump, which could lead to serious injury or death. At least one power source must be connected at all times. Always keep a spare controller and fully charged spare batteries available at all times in case of an emergency. Do not disconnect the driveline from the controller or the pump will stop.

Avoid kinking or twisting your driveline. Avoid devices and conditions that may induce strong static discharges as this may cause the VAD to fail to work normally or stop. Magnetic resonance imaging (MRI) should not be used, as it could cause severe harm to you and the pump.

Potential Complications

Implantation of a VAD requires major surgery. There are many risks associated with the surgical procedure as well as after the HVAD has been implanted. These known risks include, but are not limited to, death, stroke, device malfunction, blood clots, bleeding, other types of heart failure, infection, red blood cell destruction, and total body infection.

See the HeartWare HVAD System Patient Manual for detailed information regarding instructions on operating the HeartWare HVAD System and on necessary medical care. If you have any questions after reading the manual, please ask your clinician.

Caution: Federal law (USA) restricts these devices to sale by or on the order of a physician.

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