

PATIENT AND CAREGIVER ASSESSMENT

EXAMPLE

Patient and Caregiver Assessment

FILL IN YOUR ANSWERS BELOW:

1 | Match the item with the correct functions:

_____ AC Adapter

_____ Alarm Indicator

_____ Alarm Mute Button

A This icon  is located at the front of the controller and lights up when one or more alarms occur.

B This button  silences the low and medium audible alarms.

C This is an adapter/cable that transfers power from an electric outlet to run the controller.

2 | Match the definition to the picture:

_____ Test Button on Battery

_____ Driveline Exit Site

_____ Battery Charger

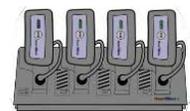
A



B



C



3 | Match the controller label names:

_____ AC/DC Indicator

_____ Controller Display

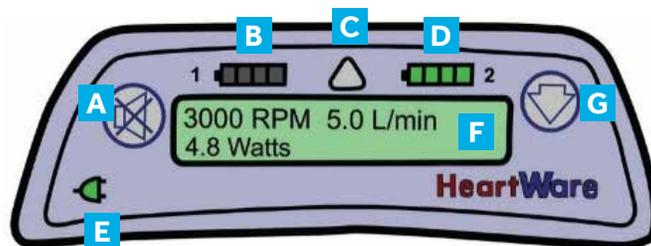
_____ Alarm Indicator

_____ Alarm Mute Button

_____ Battery Indicator 1

_____ Battery Indicator 2

_____ Scroll Button



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4 | Match the cable connector names on the controller:

_____ Monitor Cable/Alarm Adapter

_____ Power Source 1

_____ Power Source 2

_____ Driveline



5 | Select True or False for the following:

- | | | |
|--|------|-------|
| 1. A flashing red alarm requires immediate attention. | True | False |
| 2. It is OK to have moisture, cracks, tears, or punctures in your driveline. | True | False |
| 3. It is safe to take a tub bath or swim. | True | False |
| 4. This button  is used to see all active alarms and pump VAD parameters on the Controller Display. | True | False |
| 5. Pushing the ALARM MUTE BUTTON  to silence an alarm does not resolve the alarm condition. | True | False |
| 6. A controller with a blank display and no audible alarm should be replaced. | True | False |
| 7. When an alarm occurs, Line 1 of the Controller Display tells you which alarm is occurring, Line 2 tells you what to do. | True | False |
| 8. A green indicator light on the AC or DC adapter will indicate proper connection to an electrical outlet or a car power port. | True | False |
| 9. When there is a [Controller Failed] alarm, you should switch to the backup controller. | True | False |

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6 | List two items you should have with you when you leave your house:

7 | List two signs or symptoms of a driveline exit site infection:

8 | How long does one battery usually provide power?

9 | Why do you take blood thinner medicine?

10 | When looking at the controller, how much power is remaining in a battery if there are:

4 green lights _____ %

2 green lights _____ %

3 green lights _____ %

1 yellow light _____ %

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11 | Check the activities that will cause the HeartWare™ HVAD™ System to stop:

- Disconnecting the AC adapter while only one fully charged battery remains connected to the controller.
- Disconnecting both batteries at the same time.
- Disconnecting the driveline from the controller.
- Unplugging the DC adapter without a backup battery connected to the controller.

12 | Two power sources should be connected to the controller at all times. What are the 3 different power options?

1. Battery and _____
2. Battery and _____
3. Battery and _____

13 | Check the activities that are not allowed while on the HVAD™ Pump:

- Chest X-ray
- MRI Scan
- CT Scan
- Cardiac Catheterization
- Swimming
- Walking

14 | On the battery charger there are several "Status" light indicators. Check which "Status" light you will see if the battery is charging and is not ready for use.

- Blue
- Flashing Red
- Yellow
- No lights

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15 | When an alarm occurs, check the 3 indicators that you should look for to determine the severity of the alarm.

- A unique sound
- Visual display (flashing Red, flashing Yellow, or Yellow)
- Vibrating
- A message

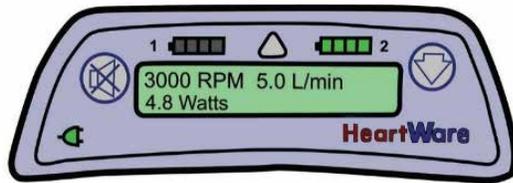
16 | Select True or False for the following:

- | | | |
|--|------|-------|
| 1. The RED ALARM ADAPTER silences the [No Power] alarm and should only be attached to a controller that is not connected to a pump. | True | False |
| 2. Pressing  clears a message on the Controller Display when a medium alarm has resolved and there is no alarm sound or light displayed in the Alarm Indicator. | True | False |
| 3. These are all things that should be reported right away to your clinician:
a) You've dropped and/or damaged any of your equipment.
b) A battery(s) that lasts less than 2 hours after being fully charged.
c) You have an active medium alarm that states [Controller Fault, Call] on the display screen. | True | False |

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17 | The CONTROLLER DISPLAY gives pump information such as:



- A** RPM
- B** Watts
- C** L/min

Match the definition of the items:

_____ Power

_____ Blood Flow

_____ Speed

18 | You suddenly get a high priority alarm [VAD Stopped, Connect Driveline] on your Controller Display. What is the first thing you would do?

19 | To minimize the risk of interference (electrostatic discharge) to your controller due to static electricity, which of the following should you **avoid**? (Check all that apply)

- Putting your controller in a silk bag
- Using dryer sheets when doing laundry
- Using a humidifier in your home
- Touching the TV screen while it is on
- Operating on one battery while going to the restroom in the middle of the night
- Ensuring that the driveline cover is firmly positioned against the controller

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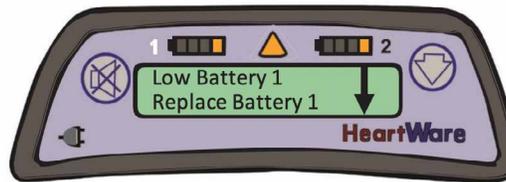
EXAMPLE

20 | When preparing to go to bed at night, you should do which of the following?

- Connect an AC adapter, then a fully charged battery
- Connect an AC adapter and leave battery connected that has less than a full charge
- Connect 2 fully charged batteries, one at a time

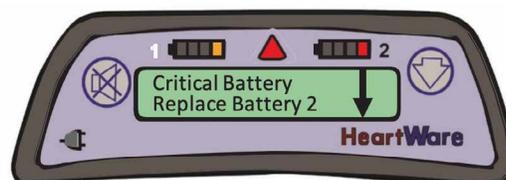
21 | Your controller displays the following information; what is the correct response?

- Do nothing, this is normal activity
- Change Battery 1 and Battery 2
- Change Battery 1
- Change Controller



22 | Your controller displays the following information; what is the correct response?

- Do nothing, this is normal activity
- Change Battery 1, then Battery 2
- Replace Battery 2 with the AC adapter, then replace Battery 1 with a new Battery
- Change Battery 1
- Change Controller



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EXAMPLE

This is a general resource to consider and adapt as you determine how to develop and manage your VAD program. It is not intended to be a substitute for guidelines, product labeling, product technical manuals, or clinical reference guides. The decision for VAD implantation and the care management, and individual patient circumstances is ultimately dictated by the experience and requirements of the VAD team and VAD program policies. These materials and resources are in no way intended to constitute medical or business advice or in any way to replace the independent medical judgment of a trained and licensed physician with respect to any individual patient needs or circumstances. The physician is solely responsible for all decisions and medical judgments relating to their VAD program and the treatment of their patients. The information and content is intended to be an educational resource to help support VAD teams in their training, planning for, and conducting of the procedure and patient needs and Medtronic makes no claims, promises, or guarantees about the accuracy, completeness, or adequacy of the information. Patients should follow any instructions provided by their physician/VAD clinicians on the topics, and the documents are not intended to replace instruction provided by the physician/VAD team. Please refer to the manufacturers' prescribing information, patient manual, and instructions for use for the indications, contraindications, warnings, risks, and precautions associated with the medications and devices referenced in these materials.

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