

Maintenance and Cleaning

Daily Maintenance and Storage

1. Store the H200 Wireless cloth electrodes in the cloth electrode mesh bag or where they can air dry.
2. Check the system components for signs of wear and damage.
3. Replace any components that appear old, worn, or damaged. Contact the Bioness Client Relations Department at (800) 211-9136, Option 3, for assistance.
4. Store the Orthosis where it can air dry.
5. Charge the Orthosis and Control Unit until ready to use.

Charging

The Control Unit and Orthosis batteries should be charged daily. Charging instructions can be found in the Setup Instructions chapter of this guide.

Battery Replacement: H200 Wireless Control Unit

The battery in the H200 Wireless Control Unit is a rechargeable AAA NiMH battery. It should be replaced approximately every two years.

To replace the Control Unit battery (AAA NiMH 1.2 V):

1. Using a Phillips screwdriver, remove the screw from the battery cover on the back of the H200 Wireless Control Unit. See Figure 11-1.

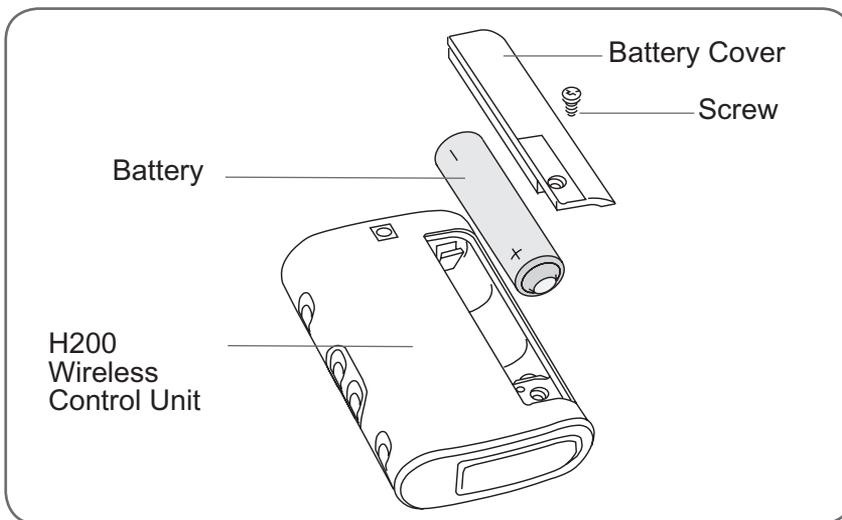


Figure 11-1: Replacing the H200 Wireless Control Unit battery.

Note: The screw is under a small label. Gently peel off the end of the label. Reapply the label after the battery is replaced.

2. Remove the battery cover.
3. Note the "+/-" orientation of the old battery.
4. Remove the old battery.
5. Insert the new rechargeable battery in the proper "+/-" orientation.
6. Slide the cover into place.
7. Tighten the screw.
8. Fully charge the new battery before use.



CAUTION: Use only a battery supplied by Bioness Inc.



CAUTION: Use of a non-rechargeable AAA battery can damage the H200 Wireless Control Unit.



Remove the old battery, and properly dispose of it according to your local environmental regulations.

Battery Replacement: H200 Wireless Orthosis

The Orthosis has a rechargeable battery that can only be replaced by a Bioness authorized representative. If the battery needs to be replaced, contact the Bioness Client Relations Department, at (800) 211-9136, Option 3.

Cleaning

General Instructions

All H200 Wireless System Kit components may be cleaned as needed or weekly by carefully wiping them with a damp cloth. Use water. Do not use detergents or other cleaning agents, unless otherwise specified below.

H200 Wireless electronic components are not waterproof. **Do not immerse them in water.**

Control Unit Neck Strap and Wrist Strap

The Control Unit neck strap and Control Unit wrist strap are made of polyester. They may be machine washed on a delicate cycle in cold water.

Orthosis Wrist Strap

Hand wash the Orthosis wrist strap in mild soap and cold water. The Orthosis wrist strap has a metal piece that may rust if machine washed.

Orthosis Electrode Bases

The Orthosis electrode bases may be wiped with a clean, damp cloth.

Disinfecting

Electronic Components

The Control Unit may be cleaned and low-level disinfected using CaviWipes™ (Metrex, Orange, CA), or wipes or cloths saturated (but not dripping) with 70% isopropyl alcohol (IPA) per the instructions below:

1. Use one saturated disinfectant wipe or cloth to thoroughly wet the component surface.
2. Use a second saturated disinfectant wipe or cloth to remove any surface contaminants. Soil, etc., will impede the disinfectant's effectiveness, if not removed.
3. As needed, use additional saturated disinfectant wipes or cloths to keep the components surface wet for 3 minutes.

Note: Be sure to follow the Bioness instructions for the specified contact time to ensure an effective bacteria kill.

The Orthosis (except for the wrist insert) may be cleaned and low-level disinfected using wipes or cloths saturated with 70% isopropyl alcohol (IPA) per the instructions below:

1. Use one saturated disinfectant wipe or cloth to thoroughly wet the component surface.
2. Use a second saturated disinfectant wipe or cloth to remove any surface contaminants. Soil, etc., will impede the disinfectant's effectiveness, if not removed.
3. As needed, use additional saturated disinfectant wipes or cloths to keep the components surface wet for 3 minutes.

Note: Be sure to follow the Bioness instructions for the specified contact time to ensure an effective bacteria kill.

Wrist Insert

The wrist insert cannot be disinfected. The wrist insert can only be cleaned with soap and water. Do not use 70% IPA on the wrist insert. If infection is a concern contact your clinician or the Bioness Client Relations Department at (800) 211-9136, Option 3, for assistance.

System Kit Carrying Case

The NESS H200 Wireless System Kit carrying case may be cleaned and low-level disinfected using CaviCide® (Metrex, Orange, CA) or 70% isopropyl alcohol (IPA) per the following instructions:

CaviCide:

1. Spray the entire surface of the System Kit carrying case with CaviCide.
2. Use a clean towel to remove any surface contaminants. Soil, etc., will impede the disinfectant's effectiveness, if not removed.
3. Spray the entire surface of the System Kit carrying case again with CaviCide.
4. Keep spraying the entire carrying case surface as needed to keep it wet for 10 minutes.

70% IPA:

1. Wipe the entire surface of the System Kit carrying case with a cloth or wipe saturated with 70% IPA.
2. Use a new cloth or wipe saturated with 70% IPA to remove any surface contaminants. Soil, etc., will impede the disinfectant's effectiveness, if not removed.
3. Wipe the entire surface of the System Kit carrying case again with a new cloth or wipe saturated with 70% IPA.
4. Use additional new cloths or wipes saturated with 70% IPA as needed to keep the entire surface of the carrying case wet for 10 minutes.

Note: Be sure to follow the Bioness instructions for the specified contact time to ensure an effective bacteria kill.

Note: Do not use other cleaning/disinfecting agents such as a diluted bleach mixture, Lysol or Clorox wipes. Bioness has not tested these products' effectiveness on the H200 Wireless components.

Metrex products are sold through authorized dealers worldwide; 70% IPA is available at your local drugstore or pharmacy.