



HOT DOG VETERINARY WARMING BLANKETS INSTRUCTIONS FOR USE

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HOT DOG WARMING BLANKETS - INSTRUCTIONS FOR USE

Introduction

Hot Dog Warming Blankets with ThermAssure® fabric are part of the Hot Dog Patient Warming System. These instructions apply to the following models:

Warming Blanket Model	Catalog Number
X-Small Warming Blanket	V101
Small Warming Blanket	V102
Medium Warming Blanket	V103
Large Warming Blanket	V104
Extra Large Warming Blanket	V106

Indications for use

The Hot Dog Patient Warming System is intended to prevent or treat hypothermia and to provide warmth to patients. The Hot Dog Patient Warming System should be used in circumstances in which patients may not maintain a state of normothermia.

Contraindications

DO NOT warm ischemic or non-perfused tissue; thermal injury may result. Examples include tissue distal to aortic cross clamping, or when vasoconstrictive drugs would lead to severe, prolonged vasoconstriction.

Warnings

Do not layer multiple warming methods i.e. a HotDog Warming Blanket should not be used under a patient in combination with a heated surgical table or a hot water mattress.

EXPLOSION HAZARD - Do not use the Controller or Warming Blanket in the presence of flammable anesthetics or highly oxygen-enriched environments such as hyperbaric chambers, oxygen tents, etc.

Inspect the Warming Blanket prior to use and cleaning for signs of damage or excessive wear such as cuts, holes, or loose electrical connections. If signs of wear are evident, do not use the Warming Blanket until it is inspected by technical staff. Do not expose the inner heating element to fluids.

Do not continue to use the Hot Dog Patient Warming System if the over-temperature indicator and/or alarm continue to sound after reset. See alarm section of this manual.

Precautions

Monitor the patient's vital signs regularly during warming according to institutional protocol. If vital sign instability occurs, notify the clinician.

Do not use the highest heat setting on or under patients with poor perfusion.

Use over-body warming instead of under-body warming when using a vacuum-activated positioning system.

Do not use a Hot Dog blanket between a patient and a vacuum-activated positioning system.

Use over-body warming instead of under-body warming on patients with multiple risk factors such as short hair, poor circulation, severe illness that may impact circulation, or long duration procedures (> 2 hours).

Do not expose the Warming Blanket to a continuous exchange of cold irrigation fluids.

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PRESSURE REDUCTION

When a patient remains in a single position for an extended period of time, ischemia can occur at points of elevated pressure, which can lead to tissue necrosis. Warming ischemic tissue is contraindicated. Therefore, precautions should be taken when using the Hot Dog Warming Blanket under a patient. The Hot Dog Warming Blanket IS NOT a pressure reduction device.

When using the Hot Dog Warming Blanket under a patient, ensure that adequate steps are taken to mitigate pressure.

Hard objects should not be placed between the patient and the Warming Blanket.

If a rigid cautery ground plate is used, ensure that adequate steps are taken to mitigate pressure. Do not place the cautery plate on the sensor area of the Warming Blanket. The cautery plate must not be larger than the patient, i.e. the patient must completely cover the cautery plate.

GUIDELINES FOR TEMPERATURE SELECTION

When using the Hot Dog Warming Blanket above patient

- Use on warmest setting appropriate to the patient condition and procedure for maximum effectiveness.
- Place Warming Blanket directly on the patient with the sensor in contact with the patient.

When using the Hot Dog Warming Blanket under patient or wrapped around patient

- Do not use the highest heat setting when Warming Blanket is under the patient.
- The sensor on the black side of the blanket must be in contact with the patient.
- Ensure that adequate steps are taken to mitigate pressure.

GENERAL INSTRUCTIONS

1. Position Warming Blanket under, over, or around patient as desired, with black side facing the patient.
2. Secure the Warming Blanket around the patient using the blanket straps to ensure maximum surface contact.
3. Insert the electrical cord into the electrical socket on the blanket and Port A on the Hot Dog Controller (see Figure 1).
4. Turn controller on to begin warming. (Refer to the Hot Dog Controller Instructions for Use.)
5. If the Hot Dog Controller alarm sounds immediately after the Warming Blanket is connected, do not use the Warming Blanket. (Refer to the Hot Dog Controller Instructions for Use for more information about system alarms.)
6. When done, clean warming blanket as necessary. (See Care and Maintenance below.)

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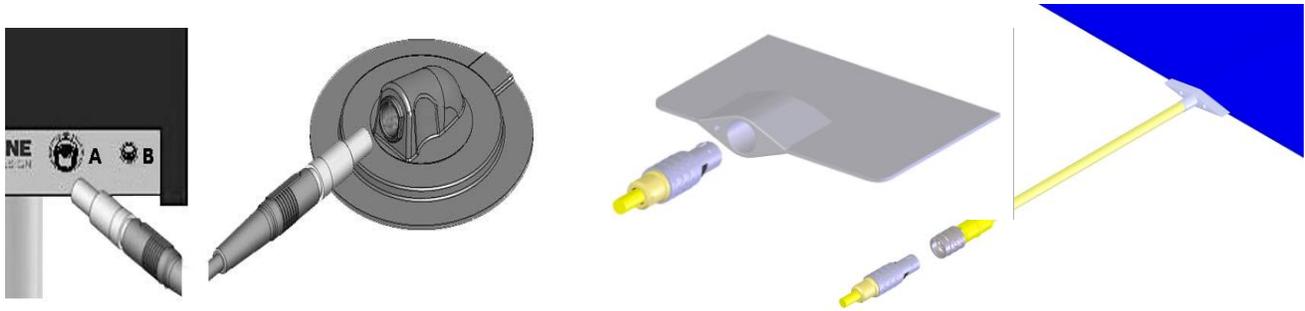


Figure 1

CARE AND MAINTENANCE

DO NOT launder or sterilize as this may damage the Warming Blanket.

DO NOT immerse blankets in liquids.

DO NOT use high-level disinfectants (e.g. glutaraldehyde, peracetic acid) to clean the blankets.

DO NOT spray cleaning solutions into the electrical connector.

DO NOT use cleaning or disinfection methods different from those recommended in the Instructions for Use without first checking with an authorized service representative to ensure that the proposed methods will not damage the equipment.

DO NOT use cleaners containing hydrogen peroxide as these may damage the blanket.

DO NOT continue to use Hot Dog Warming Blankets beyond the labeled expiration date.

If the Warming Blanket shows signs of damage or excessive wear such as cuts, holes, or loose electrical connectors, discontinue use and have technical staff perform inspection. There are no serviceable parts in the Warming Blanket. If service is required, call Augustine Biomedical or an authorized service representative for assistance.

Storage

Store the Warming Blanket in a dry place, folded or on hanging hooks. Do not allow it to be cut or crushed.

Cleaning

Clean Warming Blankets between patient uses and anytime they appear soiled. The Blankets should be cleaned following protocols for non-critical, non-sterile medical devices that may contact intact skin. Examples of similar devices are exam tables and operating room tables.

In general, alcohol-based disinfectants are easiest to use since they are fast acting and can be either sprayed or wiped on the warming blankets. Other cleaners that are compatible with the outer surfaces of the blankets include sodium hypochlorite (diluted bleach), phenolic germicidal detergent, and quaternary ammonium detergent. Iodophor (iodine containing) cleaners may cause discoloration of the blanket surface and are, therefore, NOT recommended for routine cleaning.

Do not use cleaners containing hydrogen peroxide (eg. Accel®, Virox™, Rescue®) as these may damage the blanket.

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Cleaning Steps

The cleaning steps below are general recommendations and are not meant to replace hospital-specific cleaning protocols.

1. Do not allow cleaning fluids to get into the electrical connector.
2. If visible soiling is present, remove before applying a disinfectant. Scrub the affected area with detergent, using a soft brush or sponge to remove organic matter. Rinse the surface of the blanket using a dampened cloth. Do not immerse blanket in liquids.
3. Apply a low, or intermediate, level disinfectant to the entire blanket by spraying or wiping. Follow the disinfectant manufacturer’s application instructions to ensure disinfection.
4. Following cleaning, ensure that blanket is dry before using again.

DEFINITION OF SYMBOLS

	Attention, consult accompanying documents		Reference Number
	BF Patient Applied Part according to IEC60601-1.		Serial Number
	Lot Number		Manufacture Date
	Protect Blanket from sharp objects. Discontinue use if Blanket is cut or damaged.		Transport and storage temperature range
	Use only with Hot Dog Patient Warming Controller		Transport and storage humidity range
	Fold and store as directed in instructions for use.		Keep Dry
	Not Sterile		Return to Authorized Representative
	Latex Free		Use by YYYY-MM
	Manufacturer		