HOVERTECH
an Etac Company



HOVERMATT®
T-Burg™

Trendelenburg Patient Stabilization & Air-Transfer Mattress

Instructions for Use

MD

CE

Visit www.HoverTechInternational.com for other languages

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Symbol Reference

	CE MARKING OF CONFORMITY		LATEX FREE
	UK MARKING OF CONFORMITY		LOT NUMBER
	AUTHORIZED REPRESENTATIVE		MANUFACTURER
	UK RESPONSIBLE PERSON		DATE OF MANUFACTURE
	SWITZERLAND AUTHORIZED REPRESENTATIVE		MEDICAL DEVICE
	CAUTION / WARNING		MODEL NUMBER
	IMPORTER		MR CONDITIONAL
	DISPOSAL		MR UNSAFE
	OPERATING INSTRUCTIONS		SERIAL NUMBER
	CENTER PATIENT		SINGLE PATIENT - MULTIPLE USE
	FASTEN PATIENT SAFETY STRAP		DO NOT Llaunder
	STAY CLOSE APPROACH		UNIQUE DEVICE IDENTIFIER
	KEEP DRY / PROTECTED FROM MOISTURE		PATIENT WEIGHT LIMIT

DECLARATION OF CONFORMITY

This product conforms to the requirements of Medical Devices Regulation (2017/745).

Intended Use and Precautions

INTENDED USE

The HoverMatt® T-Burg™ is intended for all surgical procedures where a patient may be placed in Trendelenburg (or Reverse Trendelenburg) up to 40 degrees, including with use of robotics. Patient transfer / repositioning / boosting can be facilitated before and / or after the procedure where the patient's weight might place staff at risk for injury. The HoverMatt T-Burg is designed to securely hold a patient in varying degrees of Trendelenburg, up to 40 degrees.

The HoverTech Air Supply inflates the HoverMatt T-Burg to cushion and cradle the patient, while air simultaneously escapes from the holes on the underside, reducing the force needed to transfer and move a patient by 80-90% to a stretcher or hospital bed. This can ease the patient transfer from pre-op to the O.R. Table, and following the procedure from the O.R. Table to PACU.

The HoverMatt T-Burg is a highly breathable, open cell design that supports an ideal microclimate allowing the Matt to stay under a patient following surgery. It is recommended that the HoverCover™ Disposable Absorbent Cover (or equivalent) be placed under the patient after surgery if the Matt is soiled.

INDICATIONS

- Patients who will be put into the Trendelenburg (or Reverse Trendelenburg) position with or without Lithotomy or Tilt.
- Patients who are unable to assist in lateral transfer, repositioning and / or boosting.
- Patients whose weight or girth poses a potential health risk for the caregiver(s) responsible for repositioning and/or laterally transferring said patient.

CONTRAINDICATIONS

- Patients over 400 lbs (182 kgs). Patients that have unstable thoracic, cervical or lumbar fractures should not use the HoverMatt T-Burg unless a clinical decision has been made by your facility.

INTENDED CARE SETTINGS

- Hospitals, Acute Care, or Surgery Centers.

PRECAUTIONS – TRENDELENBURG (REVERSE) POSITION (WITH OR WITHOUT TILT)

- Caregivers must verify that all connecting straps are tightly connected to the O.R. table to ensure the HoldFast™ Strip is in contact with the O.R. Table.
- Attach patient safety (body) straps across the patient.

THE PATIENT'S SKIN MUST MAKE DIRECT CONTACT WITH THE HOLDFAST™ SURFACE.

Do not exceed a 40° angle.

PRECAUTIONS – O.R. TO PACU TRANSFERS

- Caregivers must verify that all caster brakes have been engaged prior to transfer.
- Use a minimum of three caregivers during air-assisted lateral patient transfers.
- Never leave the patient unattended when the device is inflated.
- Use this product only for its intended purposes, as described in this manual.
- Only use attachments and/or accessories that are authorized by HoverTech.
- When transferring to a low air loss bed, set the bed mattress air flow to the highest level for a firm transfer surface.
- Never attempt to transfer a patient on an uninflated HoverMatt T-Burg.

Prior to moving a patient into a Trendelenburg (or Reverse Trendelenburg) position, ensure (i) that the Matt is deflated and (ii) the Matt is secured to the O.R. table per instructions on pg.5, and (iii) that the patient is secured to the Matt and O.R. Table itself per hospital guidelines and (iv) ensure the instructions are followed and in accordance with hospital knowledge, practices and guidelines for placing patients safely in Trendelenburg.

PRECAUTIONS – AIR SUPPLY

- Not for use in the presence of flammable anesthetics or in a hyperbaric chamber or oxygen tent.
- Route the power cord in a manner to ensure freedom from hazard.
- Avoid blocking the air intakes of the HT-Air® Air Supply.
- When using the HoverMatt T-Burg in an MRI environment, a 25 ft. specialty MRI hose is required (purchased separately).

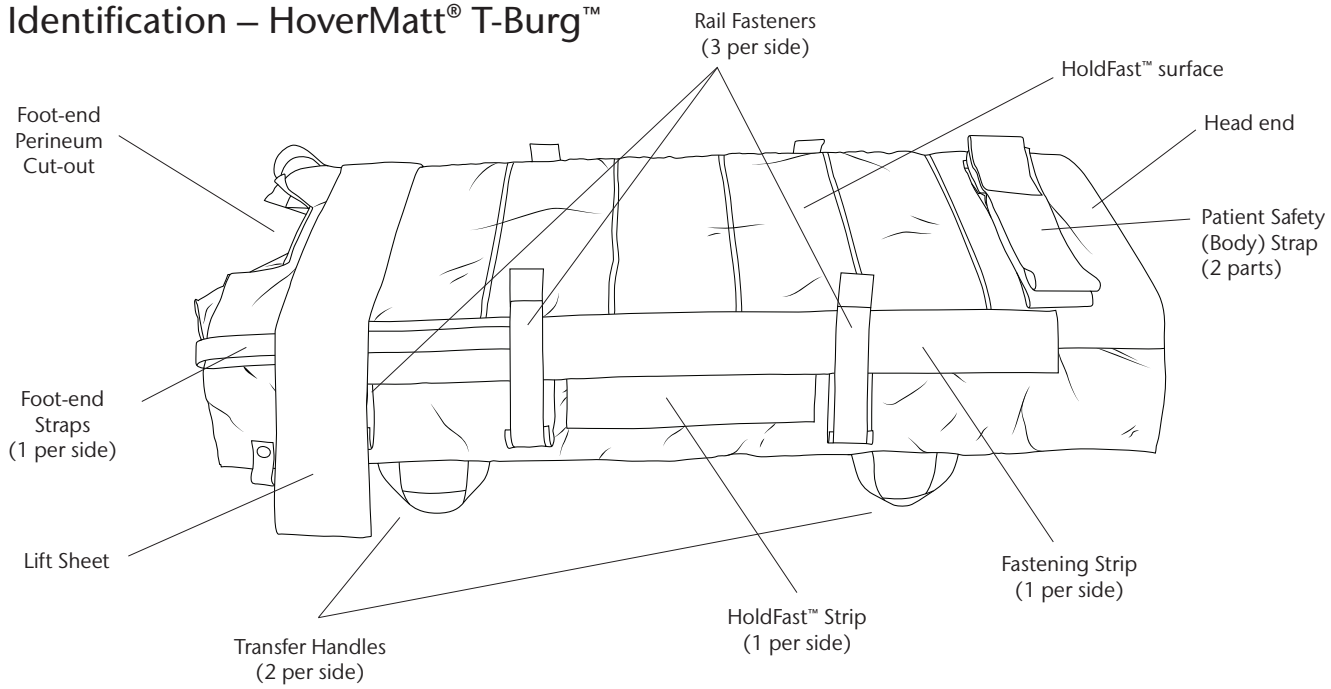
Avoid electric shock. Do not open Air Supply container.

Reference your Air Supply's product-specific user manual for operating instructions.

PRECAUTIONS – MRI

- The HoverMatt T-Burg is MR conditional by rationale. The device is made from all non-ferrous materials. As a result, MR safety testing was not performed. Based on rationale, the HoverMatt T-Burg is electronically non-conductive and non-magnetic.
- When using a HoverMatt T-Burg in an MRI environment a 25 ft. specialty MRI hose is required, thus making these products MRI conditional. The HoverTech air supply and regular hose are conductive and magnetic and are MR Unsafe.

Part Identification – HoverMatt® T-Burg™



Product Specifications/Required Accessories

HOVERMATT® T-BURG™ AIR TRANSFER MATTRESS

Material:	Top: breathable open celled, elastomeric foam Bottom: High MVTR Nylon twill
Construction:	Sewn
Width:	34” (86 cm)
Length:	45” (114 cm)

HoverMatt T-Burg
Model #: HM-TBURG-34” W x 45” L (5 per box)*
Model #: HM-TBURG-AP
Model #: HM-TBURG-34-KIT -” W x 45” L
(5 + 5 pair arm protectors per box)*





WEIGHT LIMIT 400 LBS/ 181 KG

*Breathable model

REQUIRED ACCESSORY:

Model #: HTAIR1200 (North American Version) – 120V~, 60Hz, 10A
Model #: AIR200G (800 W) – 120V~, 60Hz, 10A
Model #: AIR400G (1100 W) – 120V~, 60Hz, 10A

Transfer from PACU to Operating Room (O.R.) Table

1. Patient should preferably be in a supine position.
2. Place patient centered on the HoverMatt T-Burg with buttocks aligned with the perineum cutout.
3. Ensure the transfer surfaces (stretcher / bed to O.R. Table) are as close as possible (lock all wheels).
4. Plug the HoverTech Air Supply power cord into an electrical outlet.
5. Insert hose nozzle into a hose port at foot-end of HoverMatt T-Burg (snap into place).
6. Turn on HoverTech Air Supply.
7. Push HoverMatt T-Burg at an angle, either headfirst or feetfirst, across the surfaces. Once half-way across, caregiver on the receiving side should grasp closest handles and pull to desired location. Ensure caregiver at the foot-end guide the patient's feet during the transfer.
8. Ensure patient is centered on the O.R Table with the HoverMatt T-Burg and patient aligned with the O.R. Table perineum cutout prior to deflation.
9. Turn off HoverTech Air Supply.
10. Follow instructions for Attaching to O.R. Table below.

⚠ ALWAYS USE A MINIMUM OF THREE CAREGIVERS WHEN USING THE HOVERMATT T-BURG.

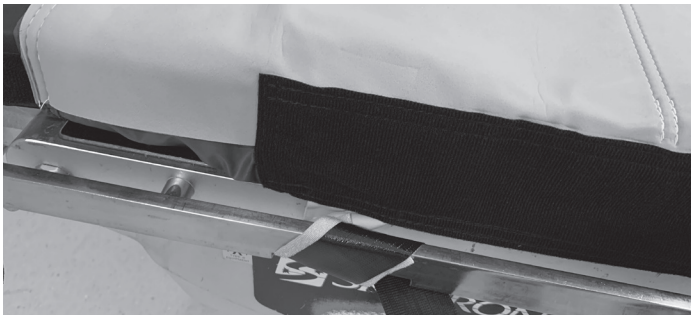
Attaching to Operating Room Table



1. Start with table flat and without tilt.
2. Ensure O.R. Table pad is properly attached to O.R. Table.
3. Place HoverMatt T-Burg on O.R. table.
4. Lift sheet may be used for patient repositioning and/or to keep the arms adducted against the patient's body.



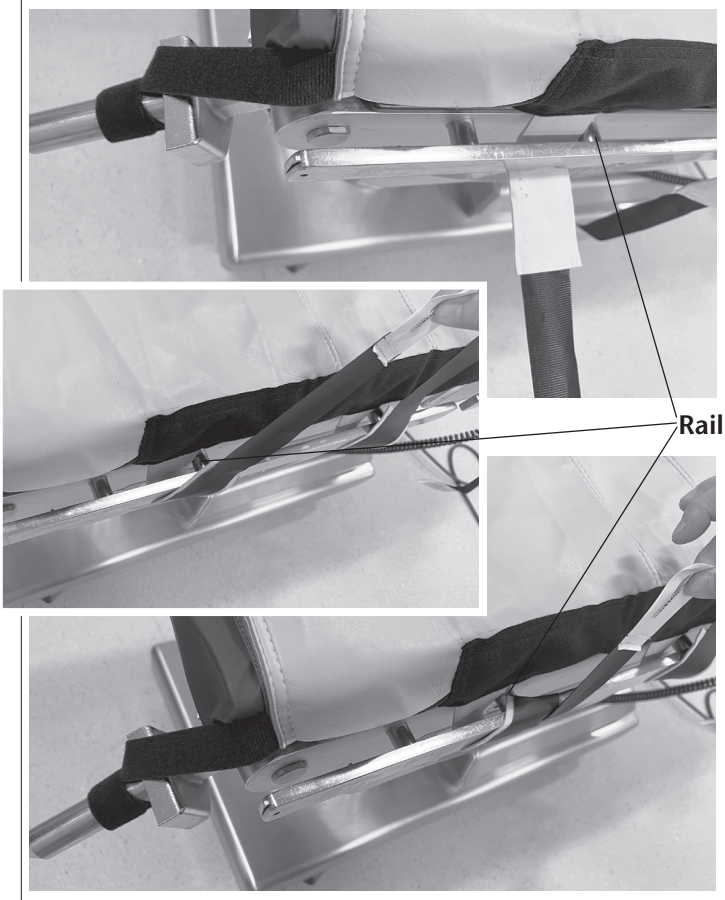
5. Ensure that the HoldFast (grey) foam and the perineum cutout are centered on the O.R. Table. The perineum cutout will be slightly above the cutout of the O.R. Table.



6. Tuck the sides of the Matt under the O.R. Table Pad, ensuring that the bottom HoldFast™ Strip is flat against the O.R. Table.

Attaching to Operating Room (O.R.) Table (Cont.)

7. Select one of the following two methods to attach the HoverMatt T-Burg to the O.R. table:



Method 1

Loop the rail fasteners (3 per side) **behind** the nearest rail post and attach to the fastening strip for **Trendelenburg** (for **Reverse Trendelenburg** in **front** of the closest rail post).

The rail strap can be placed directly to the fastening strip or double looped around the rail post before attaching to the fastening strip to accommodate varying O.R. Table configurations.

OR



Method 2

Loop the rail fasteners (3 per side) **before or after** the rail post and attach to the fastening strip for Trendelenburg (or Reverse Trendelenburg).



The rail strap can be placed directly to the fastening strip or double looped around the rail post before attaching to the fastening strip to accommodate varying O.R. Table configurations.

Attaching to Operating Room (O.R.) Table (Cont.)









8. Loop the **foot-end straps** around the footboard post, stirrups or other point on the O.R. Table for both methods.

Note: Footboard post is shown in up position to visualize the attached strap.



9. Ensure Matt lies flat (no wrinkles) prior to placing patient on the HoverMatt T-Burg.

Attaching to Operating Room (O.R.) Table (Cont.)

WARNINGS: Ensure the HoverMatt T-Burg is firmly attached to the O.R. table before patient is positioned for surgery. Ensure hospital protocols are followed for patients being placed in Trendelenburg position.

Before using HoverMatt T-Burg, ensure the O.R. table pad is securely affixed to the O.R. table.

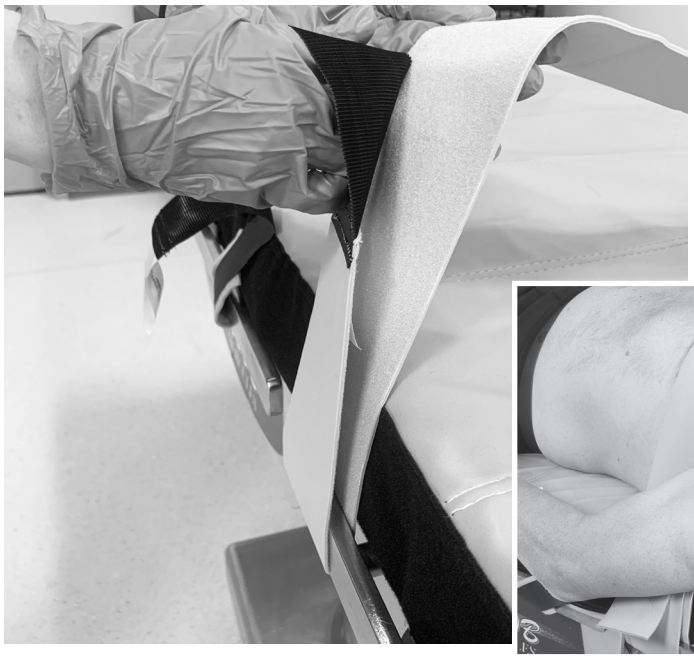
Be sure to follow your facility's policies and guidelines for frequency of patient monitoring. Check for skin integrity and proper circulation. Product is to be used by a licensed medical professional only.



10. Ensure patient's buttocks region is as close as possible to the perineum cutout at the bottom of the Matt.



11. Ensure that as much of the patient's skin as possible is in direct contact with the HoldFast™ foam.

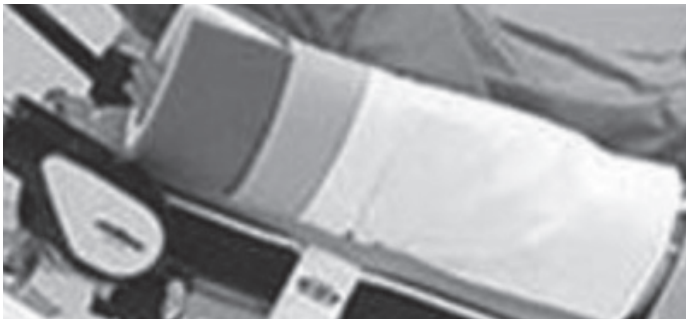


12. Loop one of the **patient safety (body) straps** behind the O.R. Table rail and back onto the strap per the label.

Repeat on the other side.

12a. Bring straps across patient's chest and attach securely to each other to secure patient to table and Mat.





13. Place arm protectors (purchased separately) around each arm. Ensure that arms are securely positioned against the patient's body per hospital procedures/protocols.

13a. The lift sheet may be placed over or under the patients arm and back under the body to keep the arm adducted against the patient's body.

Attaching to Operating Room (O.R.) Table (Cont.)



14. Position table and patient for the procedure.



15. Following procedure, return patient to a supine (flat) position

ARM PROTECTORS (IF APPLICABLE)

1. Place the Arm Protector under the patient's arm, centering it with the straps facing down and inward toward the patient's torso. Position the patient's hand in a natural anatomical position with the palm facing inward. Ensure the pad extends from just above the elbow to just below the fingertips.
2. Wrap the outer portion of the protector over the arm.
3. Wrap the other side of the arm protector over the arm and secure the straps to the corresponding hook-and-loop patches. Ensure the Arm Protector is firmly fastened around the patient's arm.
4. Repeat steps 1-3 for the other arm.

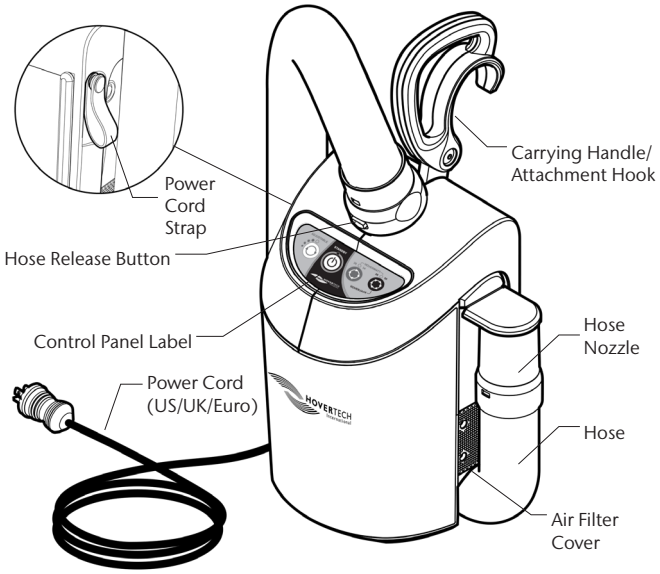
FOLLOWING SURGERY (PROCEDURE)

1. Disconnect HoverMatt T-Burg from O.R. Table by loosening rail fastener straps and foot-end straps. Reconnect footplate and headboard, if applicable. Take patient's legs out of stirrups, if applicable.
2. Ensure that any portion of the HoverMatt T-Burg that may be tucked under the OR Table pad is untucked
3. Plug the HoverTech Air Supply power cord into an electrical outlet.
4. Insert the hose nozzle into either of two hose ports at foot end of HoverMatt and snap into place.
5. Ensure that transfer surfaces are as close as possible and lock all wheels.
6. If possible, transfer from a higher surface to a lower surface.

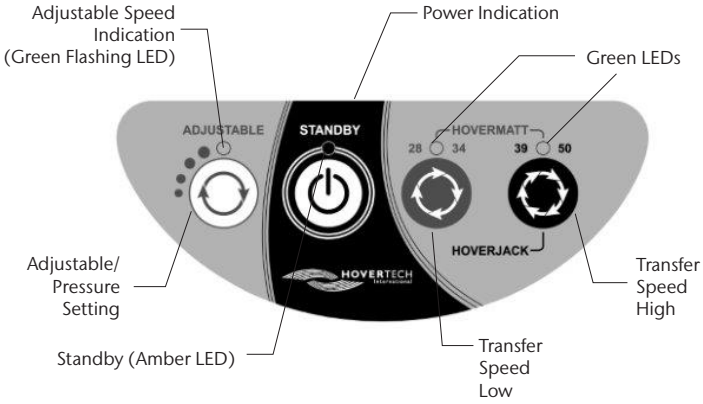
Turn on HoverTech Air Supply.

7. Push HoverMatt at an angle headfirst. Once half-way across, opposite caregiver should grasp closest handles and pull to desired location. Ensure caregiver at foot end guides patient's feet during the transfer.
8. Ensure patient is centered on receiving surface prior to deflation.
9. Turn off Air Supply and employ the bed/stretcher rails.

Part Identification – HT-Air® Air Supply



HT-Air® Keypad Functions



ADJUSTABLE: For use with HoverTech air-assisted positioning devices. There are four different settings. Each press of the button increases the air pressure and rate of inflation. The Green Flashing LED will indicate the inflation speed by the number of flashes (i.e. two flashes equals the second inflation speed).

All of the settings in the ADJUSTABLE range are substantially lower than the HoverMatt and HoverJack settings. The ADJUSTABLE function is not to be used for transferring.

The ADJUSTABLE setting is a safety feature that can be used to ensure the patient is centered on HoverTech air-assisted devices and to gradually accustom a patient who is timid or in pain to both the sound and functionality of the inflated devices.

STANDBY: Used to stop inflation/air flow (Amber LED indicates STANDBY mode).

HOVERMATT 28/34: For use with 28" & 34" HoverMatts and HoverSlings.

HOVERMATT 39/50 & HOVERJACK: For use with 39" & 50" HoverMatts and HoverSlings and 32" & 39" HoverJacks.

Air200G/Air400G Air Supplies

If using HoverTech's Air200G or Air400G Air Supplies, press the grey button on the top of the canister to initiate air flow. Press the button again to stop air flow.

Cleaning & Maintenance

This is a disposable product.

The HoverMatt T-Burg is a single-patient use device and should not be laundered.

AIR SUPPLY CLEANING AND MAINTENANCE

See air supply manual for reference.

NOTE: CHECK YOUR LOCAL/STATE/FEDERAL/INTERNATIONAL GUIDELINES BEFORE DISPOSAL.

HOVERMATT T-BURG CLEANING AND MAINTENANCE

Prior to use, a visual inspection should be performed on the HoverMatt T-Burg to ensure that there is no visible damage that would render the Matt unusable. The HoverMatt T-Burg should have all of its patient safety straps and handles (reference the Part Identification section on pg. 3 for all appropriate parts). There should be no tears or holes that would prevent the Matt from inflating. If any damage is found that would cause the system not to function as intended, the Matt should be removed from use.

Transportation and Storage



Keep dry / protected from moisture.

Returns and Repairs

All products being returned to HoverTech must have a Returned Goods Authorization (RGA) number issued by the company.
Please call (800) 471-2776 and ask for a member of the RGA Team who will issue you an RGA number. Any product returned without an RGA number will cause a delay in the repair time.

Returned products should be sent to:

HoverTech
Attn: RGA # _____
4482 Innovation Way
Allentown, PA 18109

For European companies, send returned products to:



Attn: RGA #_____
Kista Science Tower
SE-164 51 Kista, Sweden

For product warranties, visit our website:
https://hovertechinternational.com/standard-product-warranty/



HoverTech

4482 Innovation Way
Allentown, PA 18109

www.HoverTechInternational.com
Info@HoverTechInternational.com

These products comply with the standards applicable for Class 1 products in the Medical Device Regulation (EU) 2017/745 on medical devices.

EU REP

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CHRN-AR-20003070

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In case an adverse event in relation to the device, incidents should be reported to our authorized representative. Our authorized representative will forward information to the manufacturer.



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