



HOVERTECH HoverMatt Air Transfer Mattress User Manual

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HOVERTECH HoverMatt Air Transfer Mattress



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 30 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 30 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 Mat 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 Mat 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.

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

WARNING: Do not exceed a 30° angle.

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

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 International.
- 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.

PRECAUTIONS – AIR SUPPLY

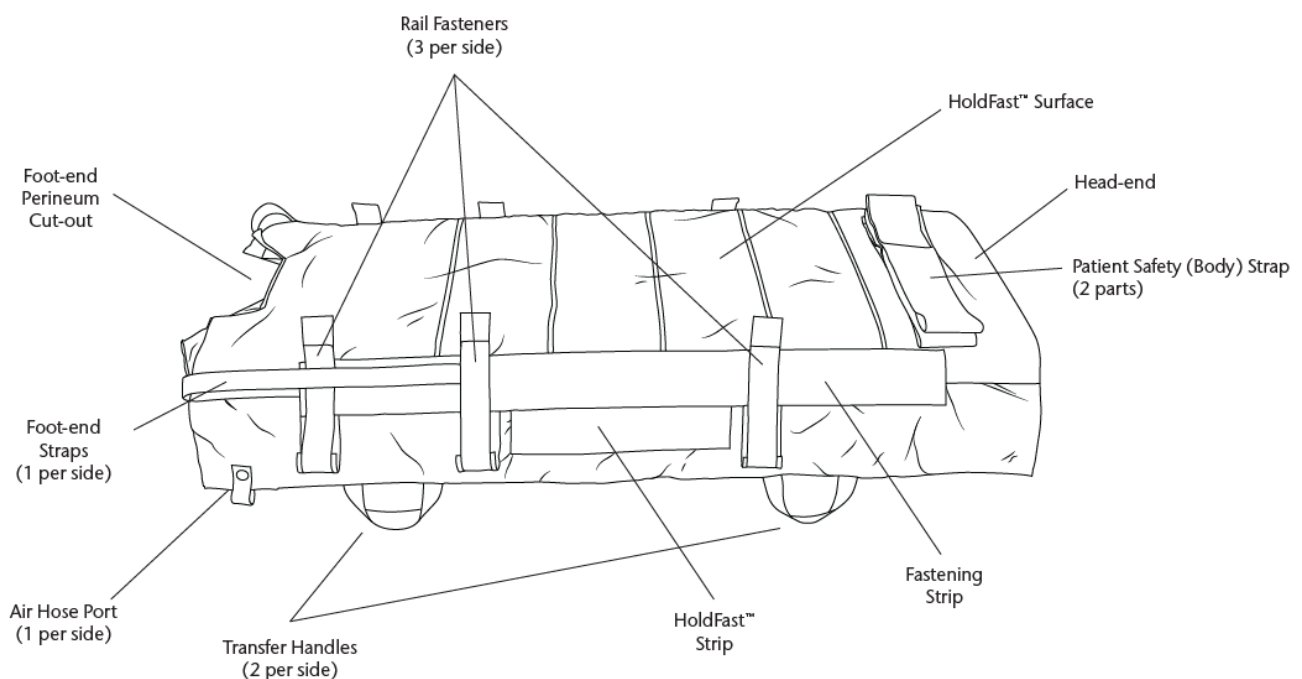
- Not for use in the presence of flammable anesthetics or in a hyperbaric chamber or oxygen tent.
- Route the power cord in a manner to ensure freedom from hazard.
- Avoid blocking the air intakes of the HT-Air® Air Supply.
- When using the HoverMatt T-Burg in an MRI environment, a 25 ft. specialty MRI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

CAUTION: Avoid electric shock. Do not open Air Supply container.

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

Part Identification – HoverMatt® T-Burg

HM-TBURG-34 (EA / 5 per Box)



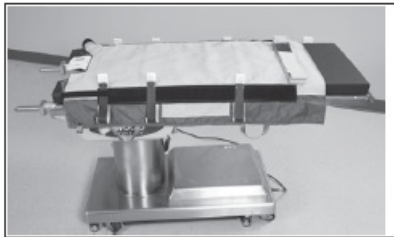
Transfer from PACU to Operating Room (O.R.) Table

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 guides 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.

WARNING: ALWAYS USE A MINIMUM OF THREE CAREGIVERS WHEN USING THE HOVERMATT T-BURG

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

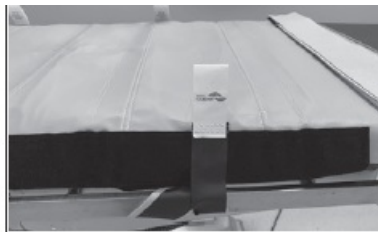


5. Tuck the sides of the Mat under the O.R. Table Pad, ensuring that the bottom HoldFast™ Strip is flat against the O.R. Table.

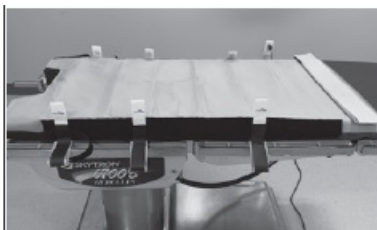


6. Loop the rail fasteners (3 / side) behind the rail and attach to the fastening strip.
 1. For Trendelenburg, ensure that the rail fasteners are looped before the rail post (at the foot-end).

2. For reverse Trendelenburg, ensure that the rail fasteners are looped after the rail post (at the head-end)
Note: The rail fasteners may be double-looped around the O.R. Table rail to accommodate different table configurations.



7. Loop the foot-end straps around the footboard post, stirrups or other point on the O.R. Table.



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



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



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



11. 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.



12. 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.



14. Position table and patient for the procedure.



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



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.

TRANSFER FOLLOWING SURGERY

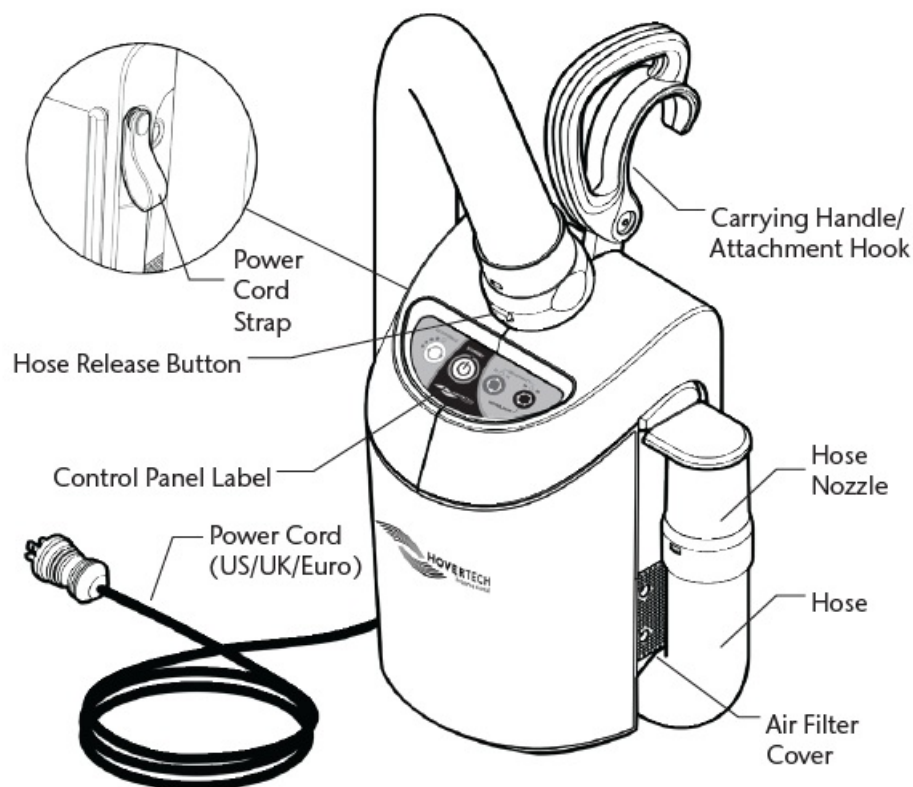
1. Disconnect HoverMatt T-Burg from O.R. Table by loosening rail fastener straps and foot-end straps. Reconnect footplate and headboard, if applicable. Take patient's legs out of stirrups, if applicable.
2. Ensure that any portion of the HoverMatt T-Burg that may be tucked under the O.R. Table pad is 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.
7. Push HoverMatt at an angle headfirst. Once half-way across, opposite caregiver should grasp closest handles and pull to desired location.

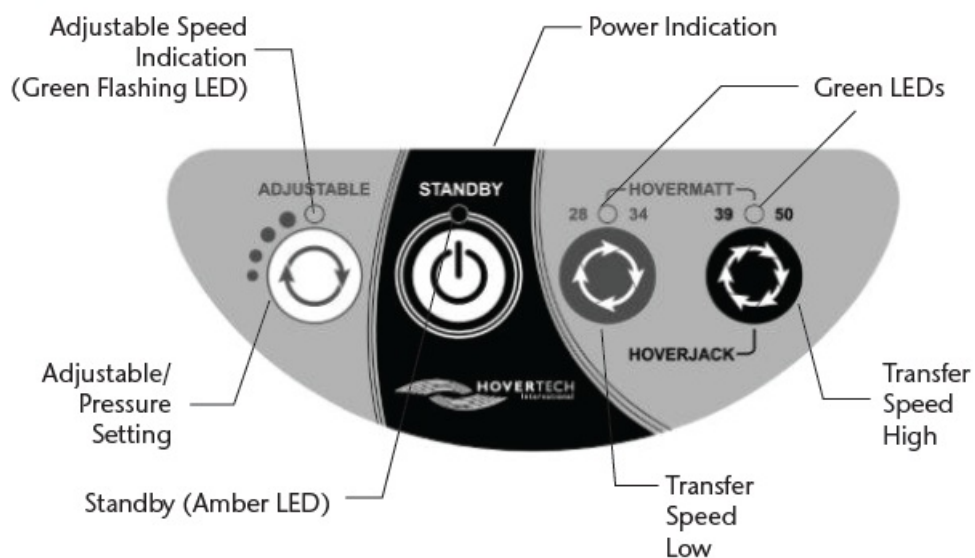
Ensure caregiver at foot end guides patient's feet during the transfer.

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. (Including HoverMatt T-Burg)



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.

Product Specifications/Required Accessories

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

REQUIRED ACCESSORY

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

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 Mat 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 Mat from inflating. If any damage is found that would cause the system not to function as intended, the Mat should be removed from use.


Returns and Repairs

All products being returned to HoverTech International (HTI) 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 International Attn: RGA # _____ 4482 Innovation Way Allentown, PA 18109

4482 Innovation Way Allentown, PA 18109 800.471.2776 Fax 610.694.9601 www.HoverMatt.com
Info@HoverMatt.com

Documents / Resources

	<p>HOVERTECH HoverMatt Air Transfer Mattress [pdf] User Manual HoverMatt Air Transfer Mattress, HoverMatt, Air Transfer Mattress, Transfer Mattress, Mattress</p>
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