

HALO[®]

REUSABLE AIR TRANSFER MAT

USER GUIDE

 **CEGA** INNOVATIONS[®]

Welcome

By reducing the patient weight up to 90%, an air lateral transfer mat can make transferring a patient from one bed to another safer for patients and staff.

The HALO™ Reusable Air Mat is part of a safe patient handling air system used to laterally transfer or reposition patients in a hospital or other healthcare setting.

Sold as MV760-39 (39" wide) or MV760-50 (50" wide), each HALO™ Reusable Air Lateral Transfer Mat comes packaged with five Skin Integrity Pads (SIP). The Skin Integrity Pad® (SIP) is a large, breathable single-use underpad that is placed under the patient and on top of the HALO™ Air Mat.

All air lateral transfer mats need a continuous supply of air while in use. CEGA® offers an Air Supply (MV600), or air supply units/pumps from other manufacturers may be suitable for use with the HALO™ Air Mat.

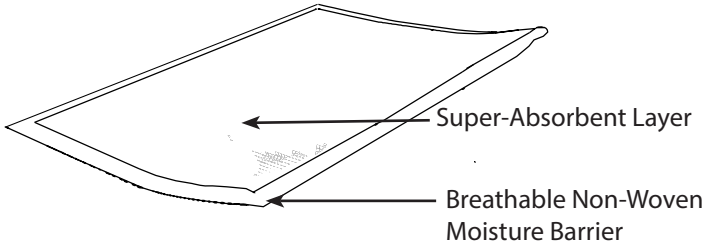
CEGA® also offers various means to store the equipment. In order of complexity and investment: Hook and Strap (MV673), Wall Hanger Kit (MV673WK), Compact Modular Cart (MV511) or the original, premium Storage Cart (MV510).

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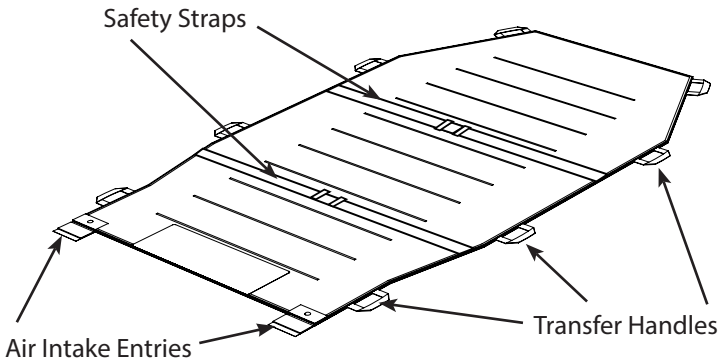
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The H A L O[®] Air Lateral Transfer System

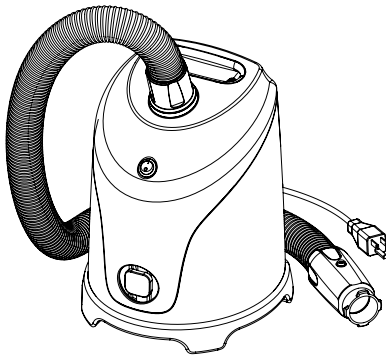
Skin Integrity Pad[®]



HALO[™] Reusable Air Mat



CEGA[®] Air Supply (Sold Separately)



Instructions for Use

The HALO™ is to be used only for its intended purpose as an air lateral transfer or repositioning mat in a healthcare setting.

Prior to Use

1. Inspect the HALO™ Air Mat for any visible damage.
2. Inspect the power cord, air supply unit, and hose for damage.
ELECTRICAL WARNING: Do not use any air supply unit if the power cord, plug, air supply body, or hose is damaged.
3. Only use the HALO™ Air Mat for lateral patient transfers from one locked, leveled bed to another.
4. Do not use the safety straps to push or pull patients.
5. Do not use the HALO™ Air Mat to hoist or carry patients.
WARNING: The HALO™ is not for use with ceiling hoists.
6. Do not leave the patient unattended on an inflated device.
7. Not for use in the presence of flammable anesthetics.
8. At least two caregivers are required.
9. Not for use with lumbar, cervical, or thoracic cases deemed unstable without medical clearance from physician.

ELECTRICAL WARNINGS:

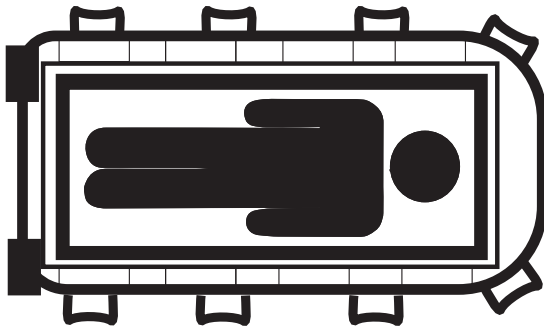
1. Do not use the air supply in damp conditions.
2. Do not use the air supply if it is wet.
3. Wipe down the air supply with any facility approved cleaning agent only after unplugging the product from the electrical outlet.
4. Never use the air supply if any part of the electrical cord or plug is damaged. Never attempt repairs on your own. See pages 12-14 for CEGA® warranty and order information.

NOTE: REFERENCE AIR SUPPLY USER MANUAL FOR OPERATING INSTRUCTIONS PRIOR TO USE.

Instructions for Use

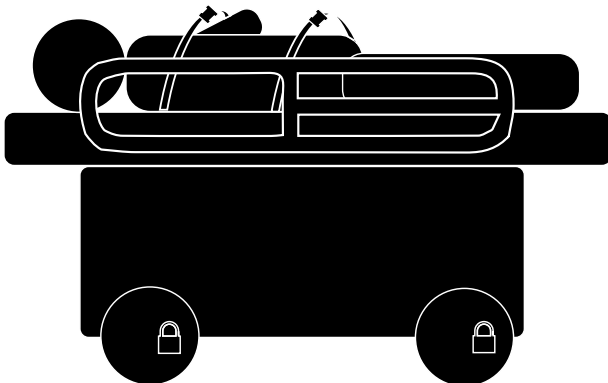
1. Place the labeled side of the HALO™ Air Mat facing up with the two air intake ports at the foot of the bed.
NOTE: If the patient is not ambulatory, log roll the patient to place the HALO™ (and SIP) beneath the patient.
2. Place the Skin Integrity Pad® on top of the HALO™ Air Mat. The printed side of the Skin Integrity Pad® faces down. Smooth out any creases or wrinkles.
3. Center the patient on the HALO™ Air Mat (Fig 5.1). Lock the bed and raise the bed rails when the deflated HALO™ is beneath the patient.

Fig 5.1



4. Buckle the safety straps around the patient loosely, making sure the straps will not constrict the patient when the HALO™ Air Mat inflates (Fig 5.2).

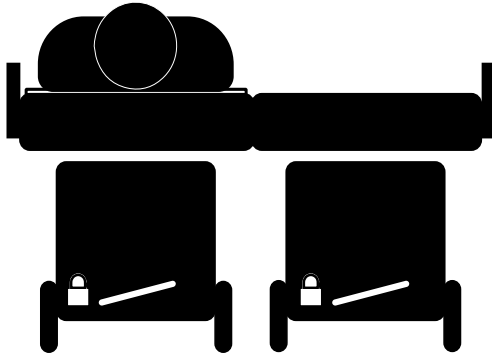
Fig 5.2



Instructions for Use

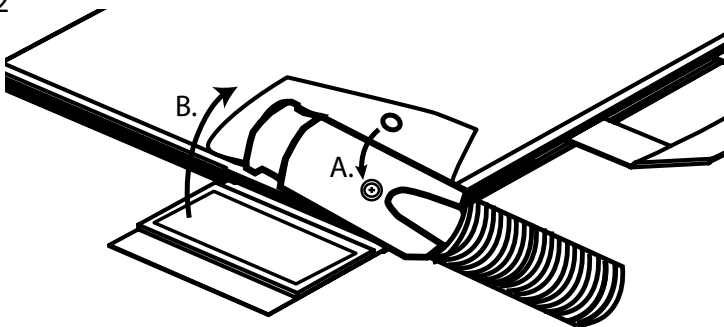
5. Move the second bed into position next to the patient bed. Lower the rails between the beds. Keep the rails on the outside raised. Level both beds and lock the wheels before inflation.
6. Ensure no parts of the HALO™ Air Mat (including transfer handles and safety straps) or the Skin Integrity Pad® are caught between the beds or are trapped in the bed rails before inflation.

Fig 6.1



7. Insert the air supply hose into either air intake entry at the bottom of the HALO™ Air Mat, secure with the button snap (A), and close the flap (B) (Fig 6.2).

Fig 6.2



8. Plug the air supply into a 120VAC power outlet.

Instructions for Use

CAUTION: Monitor the patient at all times while using the HALO™.

9. Position a caregiver on opposite sides of the bed. One will be the pusher (sender) the other will be the puller (receiver).
10. Turn the air supply on to inflate the HALO™ Air Mat.
11. As the HALO™ Air Mat inflates, grip the middle transfer handles and lift up slightly to cradle the patient.

CAUTION: Monitor the safety straps as the HALO™ Air Mat inflates. Loosen if necessary.

12. Snug the safety straps and tuck in any loose straps after the HALO™ is fully inflated.
13. The air supply stays on as the mat fills and for the entire duration of transfer.
14. Wait for the HALO™ Air Mat to fully inflate before moving the patient.
15. The pusher and puller work together to move the patient to the other bed. The movement is initiated near the head of the patient by the pusher. The receiver (puller) guides the head of the patient over and then the feet. (Fig 7.1).

Fig 7.1



Instructions for Use

16. Staff should use the transfer handles at all times to control the HALO™ Air Mat and the patient.
17. Center the patient on the second bed surface.
18. Turn off the air supply. The HALO™ Air Mat will deflate slowly. (For quick deflation, remove the air hose from the HALO™ air intake entry.)
19. Remove the air supply hose from the air intake entry.
20. Unplug the air supply from the power outlet and secure the power cord to avoid tripping hazard.
21. Raise the center bed rails. Unbuckle the safety straps.
22. Move the first bed away. The transfer is complete.
23. At the end of the patient stay or when the HALO™ Air Mat is no longer needed, log roll the patient to remove the HALO™ Air Mat and leave the SIP.
24. Pull the HALO™ Reusable Air Mat from beneath the patient and launder, following Handling & Care Instructions (p. 10) and facility protocols.

CAUTION: Take care to ensure the safety straps are clear of the patient during step 24. Do not drag the safety straps from underneath the patient.

Specific Use in the Operating Room

When the HALO™ Air Mat is used in an operating room setting, ALWAYS TUCK and TAPE the edges of the HALO™ Air Mat and Skin Integrity Pad® under the OR table pads prior to the start of the surgery and, when indicated by hospital protocol for positioning patients, tape the HALO™ Air Mat and Skin Integrity Pad® to the OR table. Ensure the safety straps are not underneath the patient and tape the safety straps under the OR table or table pads.

Following the completion of the surgical case and prior to inflating the HALO™ Air Mat, ensure the HALO™ Air Mat and Skin Integrity Pad® are released from the OR table, including all handles and straps.

Follow standard HALO™ Instructions for Use (pp. 4-8) to safely transfer the patient.

TRENDELENBURG / REVERSE TRENDELENBURG POSITION; LATERAL TILT

In addition to the Specific Use instructions for an operating room setting, follow hospital protocol for patient positioning with regard to the use of an anti-slide device when positioning the patient into Trendelenburg, Reverse Trendelenburg, or lateral tilt positions.

When indicated by hospital protocol, a padded footboard or plate should be used for the reverse Trendelenburg patient position. If the patient is placed in a lateral tilt position, ensure the patient is safely secured in accordance with hospital protocol.

Handling & Care

HALO™ Reusable Air Mat

1. Store the HALO™ Reusable Air Mat and Skin Integrity Pad® in its polybag until use at 10–40 °C, relative humidity 30% to 75%. Use the designated storage area on the storage cart if available.
2. If the HALO™ Reusable Air Mat becomes damaged or has reached its natural lifespan, dispose of the product as indicated by your facility's policies for patient disposables.
3. The HALO™ Reusable Air Lateral Transfer Mat may be laundered at 160° F (71° C) maximum water temperature. A bleach solution may be used (ten parts water/one part bleach) during the wash cycle and air dried if possible.
4. Drying: Air drying can be expedited by using the air supply to circulate air through the inside of the HALO™. To avoid damaging the synthetic fabric, drier temperature should never exceed 115° F (46° C)
5. The HALO™ Reusable Air Mat may be used for more than one bed-to-bed transfer for a single patient with typical disinfecting protocols.
6. Do not use the HALO™ Reusable Air Mat on more than one patient without thoroughly disinfecting.
7. Never use the Skin Integrity Pad® on more than one patient.
8. When indicated by hospital policy, the HALO™ Reusable Air Mat can be wiped down and cleaned with hospital-grade disinfectants, such as CaviWipes®, chlorhexidine, bleach, 3M Quat, or equivalent quaternary ammonium compounds. Discoloring of the fabric may occur. For best results, follow the disinfectant manufacturer's recommended instructions for use.
9. Dispose of the Skin Integrity Pad® after each use pursuant to your facility's policies regarding disposable products.

Skin Integrity Pad®

Dispose of the Skin Integrity Pad® after each use pursuant to your facility's policies regarding disposable products.

Air Supply

Follow all instructions provided with the CEGA® Air Supply (MV600) including but not limited to:

1. Check the air supply hose for damage before use. The HALO™ Air Mat may not properly inflate if the hose is damaged.
2. See manufacturer's guidance provided with the air supply for replacing the air supply filter.

Storage Devices

Failure to assemble the CEGA® Storage Cart (MV510), Compact Modular Cart (MV511), Hook & Strap (MV673), or Wall Hanger (MV673WK) as instructed or use these products in any way other than those indicated may result in damage to the equipment and injury to the user.

Technical Information

HALO™ Reusable Air Mat

Coated Nylon Sewn Fabric & Non-Woven PP
MV760-39: 39" x 78" (inflated dimensions)
MV760-50: 50" x 78" (inflated dimensions)
Radiolucent
Not made with natural rubber latex
Single-Patient Use
Weight Limit: 1000 lbs./454 kg.

Skin Integrity Pad® (MV261) (As Sold Separately)

Super-Absorbent Wick+Lock™ Technology
Polyethylene/Non-woven Paper Pulp, Super-Absorbent Polymer
Approximately 59" x 35.5"
Radiolucent
Not made with natural rubber latex

Air Supply (MV600) (Sold Separately)

Power Input:	120V~, 60Hz, 10A
Power Output:	1100-1200 Watts
Air Filter:	Standard 2 Micron Sock type (HEPA available)
Air Flow Output:	3psi, 80 cfm
Warmed Air:	Less than 105 F after 10 minutes use at room temperature
Noise level:	Less than 80 dB (measured at 1 meter)

Storage Devices (Optional & Sold Separately)

Storage Cart (MV510)
Height: 35", Width: 20", Depth: 20"

Compact Modular Cart (MV511)
Height: 22", Width: 16", Depth 16" (approximate)

Air Supply Hook and Strap (MV673)
Height: 11", Width: 3", Depth: 2" (approximate)

Air Supply Wall Hanger Kit (MV673WK)
Height: 13", Width: 7", Depth 2" (approximate)

Warranty Terms & Conditions

CEGA Innovations®, Inc., hereafter “CEGA®”, warrants to the original purchaser that the Air Supply and storage devices (and parts thereof) will be free of defects in workmanship or material for a period of one year from the date of delivery. Should any failure to conform to this warranty appear, CEGA® shall upon notification within such time period, correct such non-conformity, at its option, either by repairing any defective part or parts, or by replacing a part or parts with an equivalent or current version of the owner’s model, provided that the equipment is returned to CEGA®. In all cases freight both ways will be at the expense of the customer. Equipment shall not be returned without advance notice to and consent of CEGA®.

Correction of non-conformities or defects in the manner and for the period of time provided above shall constitute fulfillment of all liabilities of CEGA® to the customer, whether based on contract, negligence or otherwise with respect to, or arising out of, such equipment. The remedies set forth herein are exclusive, and the total liability of CEGA® with respect to this sale or anything done in connection therewith, whether in contract, in tort, under any warranty, or otherwise, and shall not, except as expressly provided herein, exceed the price of the equipment or part on which such liability is based.

This warranty is subject to the following exceptions and limitations:

This warranty does not cover repairs due to normal wear and tear, accident, neglect, misuse or abuse, incorrect installation or use other than as described in the User Guide. Breaks in hoses and cables are not covered. This warranty is rendered void if the motor number plate is removed or defaced or if repairs are made or attempted by persons not authorized by CEGA®.

Even if any covered products are beyond the warranty period, we suggest you contact CEGA® or your supplier for repair and replacement information.

CEGA® assumes no liability for malfunction or damage to any unit or components thereof, caused by the use of consumables other than those manufactured, provided, or recommended by CEGA®.

CEGA® assumes no liability for the malfunction or damage to any unit or components thereof, due to the use of reagents, chemicals, or combinations thereof, not recommended by CEGA®, or as otherwise recommended in the User Guide.

This warranty is subject to the following exceptions and limitations:

CEGA® reserves the right to make changes in design of its air system lines without obligation to incorporate such changes into previously manufactured items offered by CEGA®.

Warranty Terms & Conditions

Notwithstanding any of the foregoing, a 90-day limited warranty is offered by CEGA® for the HALO™ Air Mat and Skin Integrity Pad®. In the event a HALO™ Air Mat or Skin Integrity Pad® fails due to a manufacturing or workmanship defect and the purchaser contacts CEGA® within 90 days of the original purchase date and provides documentation of the defect within the same period, CEGA® shall replace the HALO™ Air Mat and/or Skin Integrity Pad®.

No other warranty, express or implied, is offered by CEGA® for the HALO™ Air Mat, CEGA® Air Supply, or CEGA® storage devices, and any and all other warranties, express or implied, are specifically excluded.

UNLESS OTHERWISE SPECIFICALLY INCLUDED IN THIS OR ANY PRIOR AGREEMENT, TERMS AND CONDITIONS, AND/OR WARRANTY, CEGA® SHALL NOT BE RESPONSIBLE FOR ANY ACTUAL DIRECT, INDIRECT, CONSEQUENTIAL, SPECIAL, INCIDENTAL, EXEMPLARY OR PUNITIVE DAMAGES OF ANY KIND OR NATURE, INCLUDING LOST PROFITS AND LOST BUSINESS REVENUE, ARISING OUT OF OR RELATED TO THE USE OF PRODUCTS OFFERED OR SOLD BY CEGA®, REGARDLESS OF WHETHER SUCH LIABILITY IS ASSERTED ON THE BASIS OF BREACH OF CONTRACT (EVEN IF A FUNDAMENTAL BREACH), BREACH OF WARRANTY (EXPRESS OR IMPLIED), TORT (INCLUDING THE POSSIBILITY OF NEGLIGENCE, MISREPRESENTATION OR STRICT LIABILITY), OR OTHERWISE.

Purchaser may contact CEGA® by emailing sales@cegaco.com for warranty service, assistance, most up to date instructions for use, or further instructions for use of the HALO™ Product Line, CEGA® Air Supply, or storage device products.

Patent and Trademark

In accordance with Section 287(a) of Title 35 of the United States Code, the reader is hereby placed on notice of CEGA Innovations's rights in the United States Patents and Patents Pending for the MUV®, the REMUV™ Air Mat, and the REMUV™ LP.

CEGA Innovations®, Inc., CEGA Innovations®, CEGA®, Skin Integrity Pad®, MUV™, MUV™ System (system), MUV™ Board (board), MUV™ Sheet (sheet), Mobile MUV™ (cart), MUV™ Mount (full wall mount), MUV™ Mobile Solution (mobile cart), MUV® SlimLine™, REMUV™, Smart Release™, Smart Release Seam™, Smart Seam™, and HALO™ Logo(s) are trademarks, service marks, and/or trade dress of CEGA Innovations®, Inc. (sometimes "CEGA Innovations®", CEGA®, or the "Company"). One or more of the foregoing may be registered marks.

For the most current patent and trademark information, visit cegaco.com/legal

Additional Patents Pending

Reorder Information

AIR LATERAL TRANSFER

**HALO™ (SPU) Air Transfer Mattress
+SIP** (Approx. 34" W x 78" L)
Order #: MV750-34

**HALO™ (SPU) Air Transfer Mattress
+SIP** (Approx. 39" W x 78" L)
Order #: MV570-39

**HALO™ (SPU) Air Transfer Mattress
+SIP** (Approx. 50" W x 78" L)
Order #: MV750-50

**HALO™ Reusable Air Transfer Mattress
+ SIP Pack (5 EA)**
(Approx. 39" W x 78" L)
Order #: MV760-39

**HALO™ Reusable Air Transfer Mattress
+ SIP Pack (5 EA)**
(Approx. 50" W x 78" L)
Order #: MV760-50

REMOV™ Air Mat + SIP:
(Approx. 36" W x 88" L)
Order #: MV800

REMOV™ LP Air Mat + SIP:
(Approx. 36" W x 56" L)
Order #: MV820

UNDERPADS

Skin Integrity Pad®
(Approx. 35" W x 59" L)
Order #: MV261 (as sold separately)

Premium Skin Integrity Pad®
(Approx. 40" W x 59" L)
Order #: MV262

Contact:

sales@cegaco.com
1.800.440.5605
cegaco.com

AIR SUPPLY & ACCESSORIES

Air Supply
Order #: MV600

Air Supply Power Cord
Order #: MV600-C15

Air Supply Air Filter
Order #: MV600F

Air Supply HEPA Filter
Order #: MV600HF

Air Supply Hose
Order #: MV660

25' MRI Air Supply Hose
Order #: MV660M

Air Supply Hose Adapter
Order #: MV670

Alternate Hose Adapter
Order #: MV671

Variable Speed Hose Adapter
Order #: MV671-HT

STORAGE DEVICES

Cart
Order #: MV510

Compact Modular Cart
Order #: MV511

Air Supply Hook and Strap
Order #: MV673

Air Supply Wall Hanger Kit
Order #: MV673WK



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