equipment

Air Pal

AIR - ASSISTED LATERAL PATIENT TRANSFER SYSTEM

AIRPAL®

USER'S MANUAL

AirPal Air-Assisted Lateral Patient Transfer System

Airpal, Inc. - 1488 Limeport Pike, Coopersburg, PA 18036
airpal.com 800.633.4725 fax 610.965.2460

MEDICAL ELECTRICAL EQUIPMENT WITH RESPECT
TO ELECTRICAL SHOCK, FIRE AND MECHANICAL HAZARDS ONLY IN
ACCORDANCE WITH UL60601-1
Complies with LR1074 CSA601.1M90

UL COVERAGE IS FOR THE AIR SUPPLY ONLY

AS1100 (North America) Power Requirements: 115VAC +/-10%,
60HZ, 9.0A or 1100 W max.

PA1200 (Europe) Power Requirements: 230 VAC +/-10%,
50-60HZ, 9.0A or 1200 W max.

DANGER
Risk of explosion if used in the
presence of flammable anesthetics

Indications

Patients weighing up to 1,200 lbs. (SPS disposable <1000 lbs.)
Patients whose body weight and size pose a significant risk or care management issue to the patient or staff during performance of routine nursing care.
Patients requiring a lateral transfer.

Contraindications

Patients with total weight in excess of 1,200 lbs. (SPS>1000 lbs.)
Unstable cervical, thoracic and/or lumbar fracture

Precautions

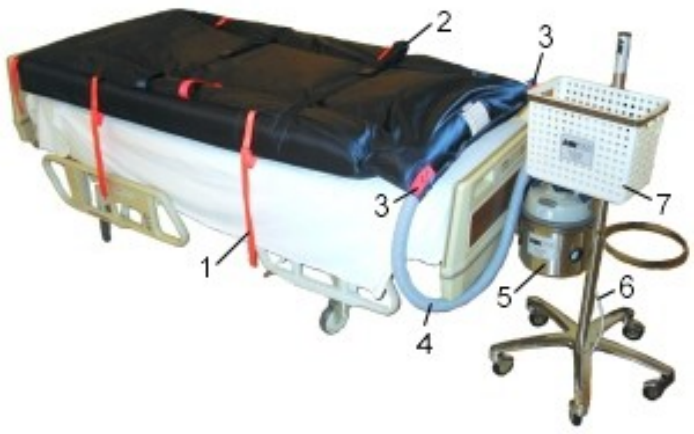
Side rail of the opposite side of the receiving surface, ie; bed/gurney, is raised and locked and that caster brakes are engaged prior to transfer.

AirPal, Inc.
1488 Limeport Pike, Coopersburg, PA 18036
Phone 1-800-633-4725 - Fax 610-965-2460 - Email info@airpal.com - www.airpal.com

System Description

Each AirPal® System consists of the following components: The Patient TransferPad™, the Air Supply, and the optional Sani- Liner.

1. Pull straps
2. Patient restraint straps
3 Air entry positions
4. Flexible air hose
5. Air supply - motor and canister
6. Air supply power cord
7. Optional AirPal Stand



TransferPad

The TransferPad is sewn construction consisting mainly of a vapor permeable nylon twill fabric of various widths in both durable and disposable versions. The total length of the TransferPad is approximately 78 inches. The underside is perforated for air release. Upon inflation on a typical hospital bed, a "cushion" of air is formed upon which the patient is moved almost effortlessly.

UL 60601-1 Approved Air Supply

The low pressure air supply is connected to any standard wall outlet with a hospital approved plug. It is equipped with a two micron filter which may be washed, sterilized and reused. It comes with a flexible hose which is easily connected to the TransferPad. Also included is a hanging device which permits the air supply to be attached to, and transported with, any stretcher.

Sani-Liner

The optional Sani-Liner may be placed between the patient and the TransferPad for infection control purposes. It is available in various widths and materials in both durable and disposable versions.

Operating Instructions

Placing the patient on the AirPal® TransferPad

The patient should be placed on the TransferPad while in the hospital bed using a patient-appropriate method. Roll the TransferPad lengthwise toward the center. Note: Care must be taken to ensure that the patient is placed on the non-perforated side of the TransferPad with the feet at the air entry end. If appropriate, the patient may be approached from either side and log rolled toward the attendant. The rolled section of the Transfer Pad is now placed against the patient where his body comes in contact with the bed. Roll the patient back and slightly to his opposite side. Proceed to unroll the TransferPad as you would when changing a sheet. To ensure the safest and most efficient transfer, the patient should be on the center of the TransferPad. If the patient is off to one side, repositioning of the TransferPad will be necessary.

After placement on the TransferPad, the patient should be secured by the restraint straps. The restraint straps should be in loose contact with the patient to allow for inflation and not drawn up tight.

After the patient is secured, the air hose is inserted in the Transfer Pad.

Setting up the Air Supply

Plug the power cord into the nearest standard wall receptacle where the AirPal® is to be used. One end of the flexible air hose is already attached to the unit. The other end is inserted into the opening at the foot of the TransferPad. Align the fitting on the air hose with the snap or closure on the flap of the TransferPad and secure in place. The TransferPad has two openings for the air hose, both at the foot of the TransferPad, one on each side. Choose the side which will permit free travel of the hose without binding. If the Air Supply is not attached to the stretcher, it should be located next to the attendant making the transfer. This provides easy access to turn the unit on for transfer and off immediately after transfer. The Air Supply is turned on and off by depressing the on/off switch.

Operating Instructions

Positioning the transfer stretcher

After patient is placed upon the AIRPAL® TransferPad, the transfer stretcher is brought alongside. It is advised that the brakes be securely engaged and the stretcher side rail on receiving side be raised. Location should be such that after transfer, the patient will be centered longitudinally on the stretcher.

Typical transfer of patient

Confirm that no handrail, accessory or sharp object obstructs the area over which the TransferPad will pass, and that the air hose is free of obstructions to move with the TransferPad while transferring.

Make sure that any patient support systems such as I.V. lines or oxygen hoses are free to move with the patient.

Turn on the Air Supply, grasp the pull straps and with one firm continuous pull, move the patient towards attendant to the desired surface. Raise the side rail of the stretcher. With certain patients it may be desired to have a slower rate of inflation for the Transfer Pad. In this event, place the heel of your hand on the Transfer Pad directly in front of the air input and depress as the air supply is turned on. The amount of pressure determines the flow of air which is permitted into the TransferPad.

Turn off the Air Supply. Never leave your patient unattended with the Air Supply on.

Typical transfer conditions

Conditions vary with the many surfaces the AirPal® is designed to accommodate. Surface textures, space between adjacent transfer surfaces, and different elevations are the most important considerations.

a. In general, the harder and smoother the surface, the easier the AirPal® TransferPad glides. It is therefore necessary to use caution when transferring onto such surfaces as x-ray tables or smooth cushioned stretchers, to prevent the patient from traveling too far. The transferring attendant should always pull the patient toward him, using his body as additional assurance of controlling the transfer. When possible a second attendant on the opposite side of the patient assisting with the transfer provides additional security for both staff and patient. Whenever possible, it is advantageous to have the surface you are transferring to, lower than the surface you are transferring from. This way gravity works with you for an easier move.

Caution: It is advised that the side rail of the receiving stretcher on the opposite side of the bed is in the raised and locked position, and that the wheel locks are engaged prior to transfer.

b. Use a Diagonal Transfer Method. The preferred method of lateral transfer is accomplished by first pulling the patient's upper torso so that it leads the foot section by 16-24 inches. As the upper torso nears the desired location, diminish the pull on the upper torso while continuing to pull the foot section to the final position. This assists the transfer and adds to the patient's sense of security and comfort in the transfer.

Location and Storage

General Transportation

The AirPal® system may be used wherever a lateral transfer is necessary throughout the hospital. Hospitals vary in their system of transporting patients. Two suggested ways of introducing the AirPal® into a transport system are:

If the stretchers are kept in a central location or at a central transport station - the AirPal® TransferPad and Air Supply can be kept with the stretcher and can be dispatched with the transporter upon request. The stretcher and AirPal® system is then returned to the central location when transport is completed.

If the stretchers are kept in areas other than one central location - The equipment should be located near each nurse station or in a convenient storage area. When the stretcher arrives for transport, the AirPal® equipment is placed on it, and taken to the patient's room. The patient is placed upon the TransferPad, is transported and can remain on the TransferPad for scheduled procedures. After transfers are complete, the AirPal® TransferPad should be removed, cleaned and returned to the designated storage area.

Departments

If the equipment is to be used exclusively for certain departments, and not hospital-wide, the product should be stored within the department itself or in a convenient storage area on each of the nursing floors

Utilization by Department

Nursing

Nursing should be well aware of procedures within this manual indicating proper use of the AirPal® system. The AirPal® virtually accommodates all patients and all departmental procedures (i.e. x-ray, CT Scan, nuclear medicine, radiation therapy, OR, and cardiac catheterization). The Sani-Liner accommodates transfers on and off of porous surfaces.

Radiology, CT Scan, Nuclear Medicine and MRI

X-Ray and Nuclear Medicine - Occasionally procedure tables impose certain restrictions not found in other areas of the hospital. These tables sometimes have narrow or extra wide surfaces or the equipment itself prohibits the technician from being able to reach across to assist with the transfer. In this event, it is desirable to utilize two staff members to make the transfer, one at the head and one at the foot. Always have the side rail in the raised position on the opposite side of the receiving stretcher. When the air supply is turned on, each attendant grasps the pad, one hand on each corner of the AirPal®, transferring the patient to the desired location before turning the air supply off. One advantage of this technique is that total control is maintained over the patient as he is transferred onto the hard and slippery surface of the table. This method may be used in other hospital applications and is also advantageous with heavy patients or acute patients with high pain levels.

CT Scan - Of particular advantage to the CT department is the flexibility of the Transfer Pad while inflated. After the patient is transferred into the body tray, the head region of the AirPal® can be folded under and by cradling the head with one hand, the patient can be easily moved longitudinally into the headrest to complete a head scan. The air is turned off, the scan is completed, reverse the procedure to place the patient back onto the stretcher. The Transfer Pad accommodates all CT Scanners and does not produce artifacts.

MRI - There is no metal in the Transfer Pad, however the air supply does have metal parts. For this reason, the AirPal® system may be specially fitted to accommodate this department with a hose length so that the air supply can be left outside the room, if desired.

Emergency Room

The AirPal® Transfer Pad is placed on a stretcher awaiting the emergency case. The trauma victim is placed directly on the AirPal® upon his arrival. If the victim arrives on a hard board, it can be placed directly on the AirPal® until the patient is stabilized The patient can then be transported to X-Ray, CT Scan, fracture table or other procedures without further turning or aggravating their condition.

Portable X-Rays - The AirPal® is radio lucent and permits simple and accurate placement of X- ray cassettes eliminating the need to rotate the patient. With the AirPal® inflated, slide the x-ray cassette underneath the Transfer Pad near the desired location. The patient now can now be easily be positioned over the cassette for precise placement. Turn off the air supply and proceed. Re-inflate the Transfer Pad to remove the cassette.

The Sani-Liner is used to prevent excessive amounts of blood or body secretions from coming in contact with the Transfer Pad, as in the case of a trauma patient. The Sani-Liner is placed between the patient and the Transfer Pad and under what is to be transferred with the patient (chucks, incontinent pads etc.). After use, when the Sani-Liner and Transfer Pad are removed, both are to be sterilized by laundering or cleaning with the approved appropriate cleaning fluid.

Operating Room and Recovery Room

The AirPal® may be used on the OR table during procedures. The Sani liner is also used sometimes to further limit fluid contact with the AirPal® by placing it under the patient and on top of the AirPal®. In the event the AirPal® is not used on the table, it may be placed on the recovery litter to assist though out recovery and transfer to the Med - Surg. Unit

Oncology - Radiation Therapy

The properties of the materials that make up the AirPal® Transfer Pad allow it to be used during Radiation Therapy procedures. However, if the opinion of the department suggest otherwise, the Transfer Pad may still be used during transfers and then just folded away from the area of the body which is to receive treatment.

Cleaning/Laundry Instructions

TransferPads and Sani-Liners:

Wipe down after each use utilizing a properly diluted EPA approved germicidal cleaning solution, quaternaries, alcohol (70% isopropyl of Ethyl) or bleach solution diluted 1:10, or your hospital approved solution.

Procedure:

1. Protective clothing must be worn when handling contaminated items.
2. Apply approved solution to TransferPad per your hospital protocol
3. Remove ALL visible soiling and wipe off excess solution
4. Disinfect the clean surface with proper mixed concentrations of chlorine solution.
5. Allow to air dry.

Soils and Stains:

1. Soils or Stains: Wipe fabric clean with neutral suds and lukewarm water. Rinse with water
2. Hard to Clean Spots: Use standard liquid household/vinyl cleaners and/or soft bristle brush. Pre-soak as needed
3. Disinfection: Dilute disinfectants and/or germicides as specified on manufacturer's product label

Laundry Procedure (durable/reusable TransferPads and Sani-Liners):

1. Pre-rinse to loosen soil
2. Place in washing machine with proper concentrated detergent, stain away bleach, anti-chlorine. Rinse cycle, add anti-chlorine liquid and neutralizer to control final pH.. The use of bleach (1 cup) during the washing cycle is strongly recommended.
3. When cycle is completed, remove to tumble dryer and dry at optimum temperature recommended for fabric (not to exceed 140 degrees F temperature).

DO NOT IRON

Strict adherence to above described laundry procedures must be maintained. Failure to follow recommended procedures may prove harmful to fabrics resulting in loss of expected useful life and voiding of the warranty.

AIRPAL Solutions O.R.

TransferPad-N

- Widths to precisely match your O.R. tables: 18, 24, 26, 28, 32, 34, 39, and 50”
- 78” long
- Sure-Chek® Fusion III anti-microbial patient surface with 4-way stretch to reduce skin shear

Patient surface is made of specialized Herculite anti-microbial, launderable SureChek® Fusion III recommended to reduce bed sores. Fusion III is the same material that is often used to cover hospital mattresses. MRI & X-ray compatible.

TransferPad-L

- Widths to precisely match your O.R. tables: 18, 24, 26, 28, 32, 34, 39, and 50”
- 78” long
- Lectrolite® anti-microbial patient surface for higher fluid applications

Patient surface is made of specialized Herculite anti-microbial Lectrolite® recommended when excess fluids may be encountered. Lectrolite is the same electrically conductive material that is often used to cover operating room tables and stretchers. MRI & X-Ray compatible.

TransferPad-Disposable

- Widths 28, 34, 39, and 50” x 78” long
- Polypropylene patient surface to minimize shear
- Rugged construction for multiple transfers

The Airpal SPS (Single-Patient-Stay) is the highest quality disposable TransferPad on the market offering exceptional economy. Designed to be used throughout a patient’s hospital stay (acute care), the SPS may be wiped down with standard hospital cleaners and is launderable. MRI & X-ray compatible.

ShortPad

- PVR widths 28, 32, 34, and 39” x 47” long
- PVR Anti-microbial patient surface fabrics— Lectrolite and Fusion III
- SPS widths 34 and 39” x 47” long

Ideal for OB/GYN and cystoscopy, the AirPal ShortPad facilitates easy repositioning of a patient without the “leg portion” of the full-size TransferPad hindering access to the patient’s lower body. The ShortPad is recommended for drop-table procedures. MRI & X-ray compatible.

AIRPAL®
1488 Limeport Pike, Coopersburg, PA 18036
airpal.com
800.633.4725
fax 610.965.2460

PVR TraumaPad

- Sizes available are: 28, 30, 32, 34, 39, & 50"

The AirPal TraumaPad (left-top view, right-bottom) is ideal when excess fluids could be encountered such as ER, Trauma, OR, Cardiac Cath. Lab. and Obstetrics. In addition to having Lectrolite® on the patient surface of the TransferPad, it is also provided on the sides and on a portion of bottom surface. MRI & X-ray compatible.

Sani-Liners

- Available for all TransferPad widths and lengths
- Lectrolite, Nylon, and Disposable versions

AirPal extended-width Sani-Liners are easily attached to TransferPads with non-ferrous MRI compatible snaps to provide a quicker "turnaround" between patients, a reduced inventory of TransferPads in the cleaning cycle, reduced laundering costs, and an extended TransferPad service life.

AirPal Air-Assisted Lateral Patient Transfer System

The AirPal System is used for lateral patient transfers between surfaces such as O.R tables, gurneys, and beds. The TransferPad is placed beneath the patient using a log roll or similar technique. The Air Supply hose is attached to the foot end of the Pad, and an Air Supply is plugged in to an AC outlet and turned on. The Pad inflates and air escapes through tiny holes in the bottom of the Pad reducing friction. Attendants on each side of the patient use the Pad handles to easily transfer the patient (up to 1000 lbs.) between surfaces.

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airpal.com
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PVR *TransferPad*™

FEATURES

- A wide assortment of widths 18 - 50 x 78" long
- Reusable for years of service
- Extra-wide Disposable and Reusable covers (Sani-Liners) available
- Made with advanced fabrics that are easy to clean and launder
- Compliant with "Safe Patient Handling" Programs and Policies
- Compatible with equivalent air supply systems
- 5 year TransferPad warranty.

RESULTS

- Improved staff morale and efficiency
- Dramatically reduced staff injuries (MSDs) and worker's compensation costs
- Increased patient comfort and reduced patient anxiety with transfers
- Reduced operating costs
- Industry leading R.O.I.

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AIRPAL®

PVR *TransferPad*™

Premium-Value-Reusable

Over 29 years ago Airpal, Inc. was the first to offer an air assisted lateral transfer system to greatly reduce caregiver patient transfer injuries. Since then, Airpal customers have experienced exceptional value due to the legendary reliability and service life built in to every one of our PVR PLATFORM products.

Longest Warranty in the Industry!

AirPal PVR *TransferPads* have a 5 yr warranty—the longest in the industry—and just what you'd expect from the expert health care specialists at Airpal.

Only AirPal Uses Specialized Medical Fabrics

The Airpal PVR *TransferPad* patient surface is made of specialized Herculite anti-microbial medical fabrics:

- Sure Chek Fusion III® (N series—four way stretch, launderable)
- Lectrolite® (L series—when excess fluids may be encountered)

Sani-Liners Available

AirPal offers extra–wide Reusable Sani-Liner protective covers for AirPal PVR *TransferPads* to facilitate rapid turnaround between patients.

Upgrade to Genuine AirPal!

Over the years there have been many transfer pad imitations, but none have matched the quality or savings of a genuine AirPal. Why not upgrade today? All AirPal *TransferPads* can be used with equivalent Air Supplies to leverage previous SPH equipment investments!

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airpal.com
800.633.4725
fax 610.965.2460

MEDASSETS BM 04589

SPS *TransferPad*™

FEATURES

- Widths 34, 39, 50 x 78” long
- One patient - one pad
- May be used for multiple transfers during patient hospital stay †
- Made with advanced fabrics that are easy to clean, even launder
- Compliant with “Safe Patient Handling” Programs and Policies
- Compatible with most equivalent air supply systems
- Safe Working Load 1000 lbs / 450 Kg

RESULTS

- Improved staff morale and efficiency
- Dramatically reduced staff injuries (MSDs) and worker’s compensation costs
- Increased patient comfort and reduced patient anxiety with transfers
- Enhanced infection control in patient handling procedures
- Lower cost per patient than single-use disposables

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AIRPAL®

SPS *TransferPad*™

Single-Patient-Stay Disposable

For 28 years Airpal, Inc. has been the premium supplier of air-assisted lateral transfer pads to America’s top healthcare facilities.

Today, Airpal continues that concept with its premium quality “single patient stay” disposable SPS *TransferPad*.

One patient - one pad

Some disposables are not durable enough to last throughout a patient’s hospital stay†. These “single-use” disposables can be very expensive to use over the long term. Airpal SPS changes all that with a rugged design that holds up for multiple lateral transfers. Designed with advanced fabrics and coatings, the Airpal SPS is easy to wipe clean with standard anti-bacterial cleaners, and under certain conditions, it can even be laundered.

Lower cost per patient than single-use disposables!

The Airpal SPS is the highest quality disposable transfer pad on the market, offering exceptional cost-effectiveness and economy - just what you’d expect from the premium heath care specialists at Airpal!

† based on acute care application

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airpal.com
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MEDASSETS BM 04589

PVR *ShortPad*™

FEATURES

- Widths: 28, 30, 32, 34, 39, 50” x 47” long
- Reusable for years of service
- Extra-wide Disposable and Reusable covers (Sani-Liners) available
- Made with advanced fabrics that are easy to clean and launder
- Compliant with “Safe Patient Handling” Programs and Policies
- Compatible with equivalent air supply systems
- 5 year TransferPad warranty.

RESULTS

- Improved staff morale and efficiency
- Dramatically reduced staff injuries (MSDs) and worker’s compensation costs
- Increased patient comfort and reduced patient anxiety with transfers
- Reduced operating costs
- Industry leading R.O.I.

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AIRPAL®

PVR *ShortPad*™

Premium-Value-Reusable 47” *TransferPad*™

Constructed of the same high quality specialized materials as our Standard AirPal PVR TransferPad but shorter in length (47”), this pad facilitates easy repositioning of a patient in bed or use on drop table procedures such as OBGYN. Also great for Portable Head CTS positioning. A variety of widths are available (28, 30, 32, 34, 39, 50”). A *ShortPad* may be identified by "SH" at the end of the part number.

Designed for O.R. Drop Table Procedures!

The PVR *ShortPad* patient surface is made of specialized Herculite anti-microbial medical fabrics:

- Sure Chek Fusion III® (N series—four way stretch, launderable)
- Lectrolite® (L series—when excess fluids may be encountered)

Extra–wide reusable Sani-Liner protective covers are also available to facilitate rapid turnaround between patients. As with every TransferPad in our PVR (Premium-Value-Reusable) line, the PVR *ShortPad* has a 5 year warranty—the longest in the industry—and just what you’d expect from the expert health care specialists at Airpal.

Disposable *ShortPads* Available!

Please note that AirPal also makes a disposable version of the *ShortPad* in 34” and 39” widths. See the AirPal SPS *ShortPad* Product Brief for details.

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airpal.com
800.633.4725
fax 610.965.2460

MEDASSETS BM 04589

PVR *ShortPad*™

FEATURES

- Widths: 34, 39” x 47” long
- One patient - one pad
- May be used for multiple transfers during patient hospital stay †
- Made with advanced fabrics that are easy to clean, even launder
- Compliant with “Safe Patient Handling” Programs and Policies
- Compatible with most equivalent air supply systems
- Safe Working Load 1000 lbs. / 450 Kg

RESULTS

- Improved staff morale and efficiency
- Dramatically reduced staff injuries (MSDs) and worker’s compensation costs
- Increased patient comfort and reduced patient anxiety with transfers
- Enhanced infection control in patient handling procedures
- Lower cost per patient than single-use disposables

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AIRPAL®

SPS *ShortPad*™

Single-Patient-Stay Disposable 47” *TransferPad*™

Designed for O.R Drop Table procedures and general repositioning, the AirPal SPS disposable *ShortPad* is constructed of the same high quality materials as our standard SPS Single-Patient-Stay *TransferPad* but shorter in length (47”). Available in two convenient widths, 34” and 39”, the Product Codes for these disposable *ShortPads* are 034SPSH and 039SPSH respectively.

Designed for O.R. Drop Table Procedures!

The AirPal SPS *ShortPad* allows free access to the patient’s abdominal areas without having to move the lower portion of a full-length pad during surgical procedures.

One patient - One pad

Some disposables are not durable enough to last throughout a patient’s hospital stay†. These “single-use” disposables can be very expensive to use over the long term. Airpal SPS changes all that with a rugged design that holds up for multiple lateral transfers. Designed with advanced fabrics and coatings, the Airpal SPS *ShortPad* is easy to wipe clean with standard anti-bacterial cleaners, and under certain conditions, it can even be laundered.

Reusable PVR *ShortPads* Available!

AirPal also offers reusable PVR *ShortPads* for exceptional economy.

† based on acute care application

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ACCESSORY:

Sani-Liner™

FEATURES

- Widths and lengths available for all *TransferPad* offerings 18”- 50”
- Extended length/width to fully cover *TransferPad*
- Available in a variety of fabrics: Lectrolite, Nylon, Disposable materials, etc.
- Easy to clean and launder
- Attaches to *TransferPad* with non-ferrous snaps
- Radiolucent and compatible with MRI environments

RESULTS

- Enhanced infection control
- Quicker *TransferPad* turn-around between patients
- Optimized capital investment in lateral patient transfer equipment
- Reduced laundering of *TransferPads*
- Extended *TransferPad* service life

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AIRPAL®

Sani-Liner™

TransferPad Covers

AirPal Sani-Liners are a very useful accessory to Airpal’s line of *TransferPads* for the purposes of enhanced infection control and optimization of the AirPal lateral transfer system.

Made of the same advanced medical fabrics as AirPal *TransferPads*, Sani-Liners are easy to clean and launder. Available in Reusable and Disposable versions for all TransferPad sizes, Sani-Liners have been designed with an extended length/width feature to fully cover the *TransferPad* when inflated. This provides better infection control than competitive designs.

Enhanced Infection Control!

Sani-Liners are easily attached to AirPal *TransferPads* with non-ferrous snaps. This method of attachment offers enhanced infection control over Velcro® based systems. Similar to *TransferPads*, the snaps are compatible with MRI environments and the Sani-Liners are radiolucent.

Optimized *TransferPad* Deployment!

AirPal Sani-Liners provide a quicker *TransferPad* “turn around” between patients, a reduced inventory of *TransferPads* in the cleaning cycle, reduced laundering costs, and an extended *TransferPad* service life. Simply stated, AirPal Sani-Liners will help your facility optimize the deployment and use of the AirPal lateral patient transfer system.

Why not call AirPal today for our extremely cost effective Sani-Liner pricing?

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MEDASSETS BM 04589

BLT *Kit*™

FEATURES

- (2) SPS Single-Patient-Stay Disposable *TransferPads* rated up to 1000 lbs/ 450 Kg (avail. widths 28, 34, or 39")
- (2) Disposable Sani-Liners
- BLT*Kit* limited-duty Air Supply with 9' hose and 15' electrical cable
- Convenient case with shoulder strap for system transport, storage, and easy identification when needed
- 4 Step quick reference instruction card
- Online AirPal In-Service videos, training modules, and documents

BENEFITS

- Bariatric patient-ready
- Gentle on patients
- Reduced risk of injury to patients and caregivers
- SPS *TransferPad* can be used for multiple transfers with same patient
- SPS *TransferPad* is made with advanced fabrics that are easy to clean-even launder

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AIRPAL®

BLT *Kit*™

Bariatric Lateral Transfer Kit

When caring for a bariatric patient in EMS, post-acute, long-term, or home care settings, the economical AirPal Bariatric Lateral Transfer BLT*Kit* is an essential safety aid—whether for emergency transport or occasional bariatric patient handling.

The **AirPal BLT*Kit*** contains all of the components necessary to laterally transfer two (2) bariatric patients with air-mattress comfort and reduced injury risk to patients and caregivers.

Gentle, Air-Assisted Lateral Transfer

Using air-assisted lateral transfer technology that AirPal invented 30 years ago, caregivers can laterally transfer the patient on a cushion of air coming out of tiny holes in the bottom of the SPS *TransferPad*. The AirPal SPS (Single-Patient-Stay) disposable has a rugged design that holds up for multiple lateral transfers with the same patient. Designed with advanced fabrics and coatings, the Airpal SPS is easy to wipe clean with standard anti-bacterial cleaners, and under certain conditions, it can even be laundered. The AirPal SPS is a high-quality disposable—just what you'd expect from the premium heath care specialists at AirPal!

Essential for Bariatric Care—and Economical!

The BLT*Kit* is very economical and below most capital purchasing limits, so the benefits of the proven AirPal Air-Assisted Lateral Patient Transfer System have never been easier to obtain!

Order your AirPal BLT*Kit* today—and always be prepared at your home or healthcare facility to laterally transfer a bariatric patient!

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Data Sheet

AIRPAL AIR SUPPLY

High Volume Low Pressure Air Source for the AirPal® Platform

FEATURES

- **High Quality Materials and Construction.**
- **Compact, Lightweight and Portable.**
- **Integrated Cord Holder and Bed/Stretcher Hook.**
- **Hospital Grade Design - Latest Certifications for Electrical Medical Devices.**
- **Special Diffuser Design.**
- **Includes Six Foot Air Supply Hose.**

RESULTS

- **Exceptional Service Life as a Result of High Quality Materials and Construction.**
- **Small Size and Lightweight Makes the Air Supply Easy to Carry and Easy to Store.**
- **Hospital Grade Design Means Easy Internal Approval for Use.**
- **Does Not Require a Tote or Enclosure to Muffle Noise.**
- **Includes Everything Needed to Power the AirPal® Platform for Patient Transfers.**

AIRPAL AIR SUPPLY

A Compact and Lightweight Portable Air Source for the AirPal® PLATFORM.

Over 25 years ago AirPal, Inc. was the first to offer an air-assisted lateral transfer and positioning device to the Healthcare Industry. The AirPal PLATFORM has an underside that is perforated for air release. When connected to the AirPal Air Supply a constant flow of high volume low pressure air causes the PLATFORM to inflate a semi-rigid surface for patient transfers or positioning. As air escapes out the perforations, a frictionless surface, literally a “cushion” of air, is formed upon which the patient is moved almost effortlessly.

The AirPal Air Supply has been tested to comply with the latest UL Standard (60601-1) for Electrical Medical Devices. To comply with the UL Standard the AirPal Air Supply was tested while connected to an AirPal PLATFORM with a simulated patient weight of 1200lbs. In addition to the UL Certification, the AirPal® Air Supply is also certified to CSA (601.1), and carries the CE Mark. The certifications ensure easy internal approvals for use in clinical environments.

The AirPal Air Supply is lightweight, compact and portable. It can be used independently or in conjunction with the AirPal Stand (AirPal’s mobility and storage solution). When used independent of the AirPal Stand - the AirPal Air Supply can be hung from the side of the bed or stretcher the patient has been transferred to, via the integrated hook. In this way the AirPal Air Supply can travel with the patient without the need to bring along an extra piece of equipment.

Specifications:

Dimensions:
Air Supply (Height and Diameter): H-11” X D-9”
Power Cord (Length): 15ft.
Air Supply Hose (Length and Diameter):* L-6ft. X D-1.75in.

Materials:
Filter Canister: Non Corrosive 304 Stainless Steel Alloy
Motor Enclosure: High Impact Molded Plastic
Air Supply Hose: Helix Reinforced PVC

Electrical: (US Specification)**
Power: (110V) 110-120 VAC 50-60 Hz 1100W
Switch: On/Off - Green LED Power Indicator
Certifications: UL 60601-1, CSA 601.1, CE Mark
Power Cord: 16 AWG, 105° C, 300V, UL E67474, CSA LL39965
Plug: Hospital Grade Grounded 3 Prong, CSA 5-15P

Operation:
Filter: 2 Micron, Sock Type, Tension Mounted, Reusable
Air Flow: Approximately 3 psi/80 cfm
Inflation/Deflation: Approximately 5 sec./10 sec. (Depends on Volume Capacity of Connected AirPal PLATFORM)
User’s Manual: Laminated AirPal Patient Transfer System User’s Manual Attached to Air Supply Handle

Weight:
Air Supply: 8.2lbs.
Air Supply w/Cord: 9.6lbs.

**Optional 25ft. Air Supply Hose Available . AirPal Part Number: 25AHNM (Required for AirPal PLATFORM Operation in an MRI Environment.)*
** *International Specifications are Available Upon Request.*

For Direct Inquiries:
Call Toll-Free: 1.800.633.4725
Or Visit: http://ww.airpal.com
Or Email: info@airpal.com

AIRPAL

USTC E1282000 UL 60601-1
PS Certified Electrical Safety LR1074 CSA 601.1-M90
CE

AirPal, Inc.
1488 Limeport Pike
Coopersburg, PA 18036

Data Sheet

AIRPAL STAND

Mobility and Storage System for the AirPal Platform

FEATURES

- **High Quality Materials and Construction.**
- **Highly Mobile - The AirPal® Stand Easily Moves in any Direction.**
- **Modular Design - Interchangeable Retention Brackets Provide Choices in Configuration.**
- **Easy Maintenance - Minimized Surface Areas, and a Removable Storage Basket Facilitate Cleaning.**

RESULTS

- **Exceptional Service Life as a Result of High Quality Materials and Construction.**
- **High Mobility and Inherent Resistance to Tip Over - Keep Expensive Accessories Safe From Damage.**
- **Modular Design Means the AirPal® Stand can be Configured to Your Specific Needs.**
- **Easy Maintenance Means Risk of Cross Contamination is Reduced.**

AIRPAL STAND

Keep Your AirPal Patient Transfer System Together and at Your Fingertips!

Over 25 years ago AirPal, Inc. was the first to offer an air-assisted lateral transfer and positioning device to the Healthcare Industry. Since then, we have refined and improved the technology including AirPal's® storage and mobility solution known as the AirPal® Stand.

Like the AirPal® Platform… The AirPal® Stand is unique among the competitive products available today. What distinguishes the AirPal® Stand from competitive products are the many innovative design features and the high level of attention used in sourcing materials.

The AirPal® Stand is manufactured from high quality materials including a stainless steel accessory pole, a cast metal corrosion resistant polished base, premium 3" fendered casters, and powder coated steel retention rings and brackets. As a result, the AirPal® Stand will stand up to the rigors of use for years to come.

AirPal® has built the Stand with a modular approach. Thus as your needs or requirements change, so too can the AirPal® Stand. The I.V. pole design means components can be added or removed from the accessory pole via set screws and a standard hex wrench. Thus the AirPal® Stand can be configured for one or two Air Supplies (a second Air Supply is useful when working with special populations, i.e. bariatric). Also, a second storage basket can be added and used to carry multiple Platforms or a hose extension.

The base of the AirPal® stand utilizes five casters set in a circular pattern. This design feature of the AirPal® Stand provides a high level of mobility. The circular caster pattern provides an additional benefit; the stand is resistant to tip over. Since the AirPal® Stand is unlikely to tip over, this means expensive accessories like the Air Supply remain secure and protected from damage.

Much consideration was used to provide a storage and mobility solution that would be easy to maintain clean, so cross contamination risks are minimized. The I.V. Pole design minimizes surface areas that have to be maintained and thus the amount of time required for cleaning. The absence of ridges and hard to reach corners means all surfaces get attention. To facilitate cleaning of the storage basket, it is removable, easily cleaned in a large sink, and is dishwasher safe as well.

Specifications:

Dimensions:

Storage Basket Opening: 12.25" X 7.5" Depth: 10"
Stand Height: 3ft. 10in. (46")
Caster Base: 2ft. Radius

Materials:

Accessory Pole: Stainless Steel
Caster Base: Corrosion Resistant Polished Cast Metal
Storage Basket: Molded Plastic
Retention Rings and Brackets: Powder Coated Welded Steel.

Modular Accessories: (Can be Purchased Separately)

Single Canister Ring
Double Canister Ring
Storage Basket with Bracket
Cord Winder Hooks

Pre-Configured Options:

Part Number: 700-1 (Stand w/ Single Canister Ring and Storage Basket)
Part Number: 700-2 (Stand w/ Dual Canister Ring and Storage Basket)

AirPal® Stand with Dual Air Supplies

For Direct Inquiries:
Call Toll-Free: 1.800.633.4725
Or Visit: http://ww.airpal.com
Or Email: info@airpal.com

AIRPAL

AirPal, Inc.
1488 Limeport Pike
Coopersburg, PA 18036

AirPal® Platform

Questions & Answers

1. How does the AirPal® Platform Product Line promote Safe Patient Handling more effectively than similar products?

It has become generally accepted that lateral air transfer devices create many efficient safe patient handling benefits. AirPal's® Platform product line is the broadest offering on the market with eight available widths ranging from 18" up to 50" - whatever the application AirPal® has a width that perfectly fits (twice as many widths available as compared to the nearest competitor). Additionally, AirPal® offers half length Platforms that are perfect for patient positioning applications like Labor and Delivery.

The device that AirPal® pioneered and brought to market has an underside that is perforated for air release. The device is attached to an air supply which forces a constant flow of high volume/low pressure air which causes the device to inflate a semi-rigid surface for patient transfers or positioning. Upon inflation excess air escapes out through the perforations on the bottom of the device. A frictionless surface, literally a "cushion" of air, is formed upon which the patient is moved almost effortlessly. The technology itself is efficient in terms of reducing the number of staff required for transfer; the device has been shown to reduce the amount of exertion required for transfer by up to 90%. In general the AirPal® Platform solves many problems that all equate to higher operational efficiencies - the product is portable and requires little room to store, reduces lifting requirements, aides patient comfort, is easy to use and requires little training, and is suitable for MRI and X-Ray transfers, etc. Most importantly, the AirPal® Platform has a demonstrated ability to reduce the occurrence of musculoskeletal disorders (MSDs) associated with repetitive lifting stresses amongst caregivers. The reduction in MSDs lowers Worker's Compensation costs and claims, and increases employee retention rates. **Thus, the AirPal® Platform reduces operational costs and can pay for itself!**

However, the technology has not been without its issues... AirPal® over the last 25 years has steadily applied new innovation to solve some of the remaining issues:

SKIN MANAGEMENT: Realizing that caregivers are reluctant to leave these devices under a patient for an extended length of time, AirPal® solved this problem by introducing a doubled layered surface to reduce shear and cover seams, and employs special medical fabrics that conform to pressure management surfaces.

DURABILITY: To reduce chance of failure all AirPal® Platforms are double stitched (this also facilitates repairs, enabling the replacement of panels if they are inadvertently ripped or punctured). Handles are looped through the sidewall and are integral to the stabilization bands to distribute stresses through the handles and not the patient surface - as a result the products carry a five year warranty.

INFECTION CONTROL: Durable multi-use protective liners are included with purchase and disposable liners are available as well. The liners are extended to cover sidewalls and offer additional protection from soiling and fluids. The liners attach to the AirPal® Platform with non-ferrous snaps so the liner will stay in place under the patient. Additionally, AirPal® has completely eliminated the use of Velcro® (a known skin abrasion issue and infection control vector)

ERGONOMICS AND SAFETY: AirPal® employs an easy to use exclusive double loop extended handle design, so caregivers of any stature can remain upright while employing the safety rails of the bed or stretcher the patient is being transferred to without the rails becoming an obstacle.

MOBILITY AND STORAGE: The AirPal® Platform can be used with or without our transport and storage solution (the AirPal® Stand). When not used with the AirPal® Stand the Air Supply can attach to the bed or stretcher with an integrated hook and travel with the patient. When employing the AirPal® Stand, user's will note the similarity to an I.V. pole. The design takes advantage of the circular caster layout and high mobility found in that design and is also resistant to tipping over. The storage basket is designed to be easily removed and cleaned to prevent cross contamination issues and the stainless steel design with fendered casters (keeps fluids and dirt from kicking up off the floor) makes cleaning and maintaining the AirPal® Stand easy.

2. What are the key features that differentiate the AirPal® Platform from similar products?

Since AirPal® introduced air-assisted lateral patient transfer technology, several competitors have introduced products. Some features may be found on a competing product, however we are differentiated in the sense that another product does not have the same set of features. Some features are exclusive to AirPal® alone:

CERTIFICATIONS: AirPal® products carry the latest UL Certification for Electrical Medical Devices (UL 60601-1). Additionally we carry certification for CSA and the CE Mark.

MEDICAL FABRICS: AirPal® products are manufactured using specialized medical fabrics from Herculite, Inc. Unlike generic nylon twills the fabrics from Herculite have special engineered properties which make them particularly suitable to conform to pressure management surfaces, provide stretch and cushioning, and reduce shear. The use of specialized fabrics means that AirPal® Platforms can be left under a patient for an extended length of time. What

this means is that AirPal® products are more convenient and flexible in how they are used, without raising skin management concerns. This benefit is especially important when working with obese and morbidly obese patients who are at a higher risk for skin concerns. All fabrics are fire resistant and include Herculite's Sure Chek antimicrobial system that lasts the life of the fabric.

EXTENDED HANDLES: AirPal's® extended handles mean that caregivers of any stature can maintain proper posture without needing to bend their back during a transfer thus avoiding unnecessary stress to the lower lumbar region of the caregiver's spine. Additionally, the extended handles easily permit use of the stretcher or bed's safety rail without itself becoming an obstacle. What this means to caregivers is the ability to transfer a patient with a higher degree of patient safety.

STABILIZATION BANDS: AirPal® utilizes an unique system of radial bands that are integral to the handle attachment points. The Stabilization bands provide multiple benefits: Because they are integrated with our handles they help to create an incredibly strong and thus durable design. A strong durable design means that capital expenditures are lowered over time since equipment doesn't have to be replaced as often. Patient cradling is an inherent feature of most air assisted lateral transfer devices. However if the patient is not initially centered on the device at time of placement the patient will not be cradled as the device is inflated. Because of AirPal's stabilization bands, a caregiver can give a slight upward tug on the handle closest to a slightly off centered patient and the stabilization bands will help to re-center the patient as the device inflates and the patient cradling effect takes over.

COLOR CODING: The AirPal® Platforms utilize a color coding scheme to help identify the different width AirPal® Platforms. Additionally AirPal® color codes the included protective liner which makes it easy to match the liner width with a corresponding AirPal® Platform. Since the AirPal® Platforms are color coded, caregivers waste no time unfolding and sizing the wrong width for the patient.

PROTECTIVE LINERS: Every AirPal® Platform that is sold includes a reusable protective liner. There are two key features of the liner that differentiate it. First the liner is secured with non-ferrous snaps and are MRI safe (the snaps are located well outside the patients footprint). Since the liner is secured to the AirPal® Platform, caregivers can easily place the liner protected device under the patient without the liner itself becoming an obstacle or "bunching up" beneath the patient. The converse is true also, which means when the device is removed from beneath the patient the liner stays in place and makes removal a one step process. The second key feature of the protective liner is its extended length. Because the protective liner is extended it covers the sidewalls and offers an extra level of protection from soiling and fluids. In addition to the reusable liners included with the AirPal® Platform, there are also disposable liners available for purchase from AirPal®-PTS, Inc.

FIVE YEAR WARRANTY: All AirPal® Platforms carry a five year warranty which covers defects in materials and workmanship. The five year warranty also covers the included protective liner.

Accessories like the AirPal® Air Supply and AirPal® Stand are covered for two years. The warranty offers "peace of mind" while reducing the total cost of ownership by ensuring long product life cycles.

DOUBLE LAYERED PATIENT SURFACE: Designed to specifically address skin management concerns the double layered (specialized medical fabric) surface provides multiple benefits: First, AirPal® offers a choice in patient surfaces so that your Platform is tailored to specific needs and applications. AirPal's 'Lectrolite Comfort option is perfect for trauma or other applications where fluids are anticipated. Since Lectrolite is a vinyl laminated surface it is easily cleaned and resistant to staining, which means a longer service life especially since 'Lectrolite Comfort is a laminated and not coated surface (coatings on the patient surface are prone to wear). Since 'Lectrolite Comfort is highly conductive (and anti-static) it is also the best surface to use for procedures where electro cauterization is to be used (routinely used in surgery to remove unwanted or harmful tissues). AirPal® also offers the patient surface in Sure Chek Fusion III - our most popular patient surface option. Sure Check Fusion III offers unique stretch characteristics along both the horizontal and vertical axes. The stretch characteristics allow the fabric to move with the patient, provide a cushioning effect, and ultimately mean a more comfortable experience for the patient while reducing skin management concerns. Second, a double layered surface means that seams are covered. Since seams are covered, the patient surface is smooth, which means pressure points and pressure ridges are reduced and thus decrease the skin management issues that seams produce. Additionally, the smooth surface, makes wipe-downs between patients easier. Third, double layering the patient surface means that the two layers of specialized medical fabrics can slide against one another. Since the double layered patient surface can slide over the lower surface the chance of skin shear is dramatically reduced, once again maximizing the ability of the caregiver to manage skin related concerns for their patients.

STORAGE AND MOBILITY SOLUTION: The AirPal® Stand is manufactured from "hospital grade" components. The main structure of the stand is of stainless steel construction and utilizes an I.V. Pole design. The high quality components mean that the AirPal® Stand will stand up to the rigors of the environment for years to come. The I.V pole design provides additional benefits such as the circular caster layout allowing the AirPal® Stand to easily move in any direction. Another benefit of the design is that it is highly resistant to tip over, this means it is highly unlikely that components carried in the AirPal® Stand such as the Air Supply will become damaged due to accident. Another important feature of the design is the ease of maintenance and cleaning. To start with, all of the casters are fendered so fluids and soils remain on the floor and are not kicked up on to the AirPal® Stand. The I.V. Pole design also minimizes the amount of surface area that has to be cleaned and coupled with the absence of ridges and inside corners; the AirPal® stand can be wiped down in a minimal amount of time. The storage basket is easily removed and can be cleaned in a large sink, wiped down by hand, and is dishwasher safe. Since the AirPal® Stand can be thoroughly cleaned and disinfected in a minimal amount of time, the risk of cross contamination is reduced.

3. Are the materials used in construction of the AirPal® Platform flame retardant and bacteriostatic?

FLAME RETARDANT FEATURES: Fabrics used in construction of AirPal® Products are sourced from Herculite Products, Inc. Herculite maintains Material Safety Data Sheets (MSDS) and publishes flame resistance and cigarette ignition test procedures and results for each of the fabrics AirPal® sources. In general, all fabrics from Herculite that AirPal® employs are flame resistant and self extinguish when a source flame is removed. For additional information you can visit Herculite's website at http://www.herculite.com.

BACTERIOSTATIC FEATURES: Herculite fabrics are treated with a proprietary antimicrobial additive designed to slowly release over the life of the fabric. A controlled release feature allows migration of the antimicrobial agent to the fabric surface. The antimicrobial agent helps protect the fabric from microbial attack and reduces undesirable organic odors. For additional information you can visit Herculite's website at http://www.herculite.com.

4. Where can I find a list of cleaning and disinfection procedures for the AirPal® Platform and the accessories?

The label at the foot end of the AirPal® Platform lists cleaning instructions. Cleaning guidelines for AirPal® products and a list of disinfectants is provided on the AirPal® Website. Go to http://www.airpal.com/airpal-overview/cleaning-guidelines.html for additional information.

5. Are AirPal® Platforms radiolucent?

The materials used in construction of the AirPal® Platform are radiolucent indicating that they are more transparent than say the patient being x-rayed. The issue of whether a material is radiolucent refers to a measure of transparency. Radiodensity is the property of relative transparency to the passage of X-rays through a material and is measured on the Hounsfield Scale. No materials are completely Radiotransparent - complete Radiotransparency can only be achieved within a perfect vacuum. However, on the Hounsfield Scale any differences between similar materials would be negligible and nearly imperceptible. The benefit of being able to x-ray a physically dependent or seriously injured patient on an x-ray table without lifting or pulling the patient far outweigh the chance of ghosting or artifact generation on the exposure plate. Skilled x-ray technicians can adjust the attenuation to compensate for these issues and highly trained Radiologists usually can discern these aberrations quickly if produced in the process.

6. What are the available widths of the AirPal® Platform?

Full Length AirPal® Platforms (widths):

18", 24", 26", 28", 30", 32", 39", 50"

Half Length AirPal® Platforms (widths):

28", 30", 32", 39"

7. Why would I want to use a Half Length AirPal® Platform?

Certain applications requiring patient transfer or positioning can benefit from the Half Length AirPal® Platforms. Since the Platform is shortened you can easily position patients for procedures where the legs are elevated or stirrups are used (OB/Gyn, Labor and Delivery, Urology, Oncology, etc.). The shortened length means that a portion of the AirPal® Platform is not off the edge of the patient surface - thus, accessing the air hose attachment point is easier, the patient surface does not interfere with headboards or other equipment, and access to the patient is preserved. Additionally the shortened length is perfect for patient transfers to convertible chairs and cardiac chairs. AirPal® has offered the Half Length Platform for nearly 20 years. The Half-Length Platform has shown itself to be a proven solution for these specialized applications.

8. What are the weight capacities and limits for the AirPal® Platform?

The AirPal® Air Supply has been tested and shown to conform to UL 60601-1 for an Electrical Medical Device. The testing of an Electrical Medical Device is conducted as it would be used in the field as a system. As such, AirPal's® Air Supply was tested to conform to the standards while connected to the "system" and with a maximum loading of the AirPal® Platform with a patient equivalent weight of 1200lbs. (Consider that the world's heaviest man purportedly weighed 1225lbs.) Theoretically, any of the AirPal® products could be used with a higher weight loading - although they would be operating outside of the tested standard. Additionally, the AirPal® Platform has an air hose connection point on the right and left of the foot end to facilitate transfers in either direction. The second air hose connection can be used with an extra AirPal® Air Supply to facilitate transfers of extremely obese patients by providing additional airflow (although not required). The ability of being able to use an additional Air Supply is of great benefit for those working with special populations, as in Bariatrics, since the additional airflow aids in reducing friction.

9. What accessories are available for use with the AirPal® Platform?

- AirPal® Air Supply (1100W)
- All versions of the AirPal® Stand
- All versions of Replacement/Spare Protective Liners
- All versions of Disposable/Single Patient Use Protective Liners
- Transfer Bridge
- Air Hose Extension for use in MRI Environment

10. What type of training or certification is required for operation of the AirPal® Platform?

No certification is required. The AirPal® Platform is simply and intuitive to use. AirPal® supplies a short, easy to read User's Manual and attaches it to the AirPal® Air Supply for quick reference while the product is in use. Don't be fooled by the proponents of consulting fees for implementation... you need not be an expert in ergonomics to deploy and administer AirPal's® air assisted lateral patient transfer devices. For this reason, the AirPal® Platform integrates easily into any existing or planned Safe Patient Handling Program.

11. How does AirPal® ship?

AirPal®-Patient Transfer Systems, Inc. maintains a shipping and receiving facility in Pennsylvania. All shipments are labeled and include a packing list attached to the outside of the shipping container. Merchandise is shipped via UPS Ground (or as directed by purchaser). Tracking numbers are forwarded via email to the recipient identified contact. Purchases through our distributors can also be arranged by drop-ship to ensure quickest possible delivery.

12. How do I purchase an AirPal® Platform?

Purchases and product trials can be made direct through AirPal®-Patient Transfer Systems, Inc. or through our Network of Distribution Partners. An online list of Distribution Partners is available on www.airpal.com, or contact AirPal® directly and an Authorized Distributor will be recommended.

For those wanting to purchase direct from AirPal®; purchases can be arranged through approved credit terms and P.O., money orders, checks, wire transfers, and credit cards. Inquiries can be made at 800-633-4725, web form submission, or info@airpal.com to arrange for quotations and/or product trials.

CLEANING GUIDELINES

TransferPad Disinfection, Stain Removal, and Laundry Air Supply Filter and Accessory Cleaning

Wipe-Down Disinfectant Procedure:

Prior to any procedure please abide by your facility's standards for protective clothing and eyewear.

AirPal® TransferPads and Sani-Liners require disinfectant wipe-downs or a laundry process between patients. All TransferPads and Sani-Liners can be wiped down, and most may be laundered (Please note: AirPal "L" series with 'Lectrolite is not launderable - wipe down only).

AirPal® recommends that TransferPads be used with a durable or disposable AirPal® Sani-Liner to facilitate rapid turnaround of the TransferPad between patients. In place of the Sani-Liner, the TransferPad can be used with a linen sheet, incontinence pad, disposable chucks, etc.

The CDC recommends disinfecting with the use of household chlorine bleach diluted to a 1:10 ratio of bleach to water. This solution can be applied to all AirPal® TransferPads and Sani-Liners. Bleach solution can be applied with a suitable cloth or sponge and applied via spray bottle or bucket. All surfaces should be wiped down liberally and allowed to air dry. To speed up drying, excess solution can be removed with clean paper towels and or a clean cloth towel. Rinse or dispose of all cleaning tools.

In addition to wiping down the AirPal® TransferPad and Sani-Liner, it is recommended that the Air Supply hose end be inspected and wiped down with a disinfectant. Inspect and wipe down the interior of hose attachment points on the AirPal® TransferPad as well.

In addition to a bleach/water solution, the following disinfectants have been tested by AirPal's materials manufacturer and are safe to use on the fabrics found in AirPal® TransferPads and Sani-Liners. All disinfectants should be used in accordance with the manufacturer's recommended dilutions and instructions for use.

For "L" Series:
('Lectrolite surface and/or Sani-Liner only)

Trade Name	Type	Manufacturer
Galahad	Phenolic	Puritan
LPH	Phenolic	Steris Corp
Amphyl	Phenolic	Reckitt- Benckiser
One-Stroke	Phenolic	Steris Corp
Vesphene II	Phenolic	Steris Corp

For "N" Series
(All surfaces and/or Sani-Liner)

Trade Name	Type	Manufacturer
A33	Quaternary	Ecolab
Blue Chip	Quaternary	S.C. Johnson Co.
Eli staph	Quaternary	Walter G. Legge
Forward DC	Quaternary	S.C. Johnson Co.
Lysol I. C. Quaternary	Quaternary	Reckitt-Benckiser

CLEANING GUIDELINES

Omega	Quaternary	Ecolab
Pro-Tech RDI-36B	Quaternary	Central Solutions, Inc.
Quat Sanitizer	Quaternary	Ecolab
Sanikleen	Quaternary	West Penetone
Virex 128	Quaternary	S.C. Johnson Co.
Super SaniCloth	Quaternary/Isopropyl	Professional Disposables Inc.
SaniCloth Plus	Quaternary/Isopropyl	Professional Disposables Inc.

"L" & "N" Series - Both (All surfaces and/or Sani-Liner)

Trade Name	Type	Manufacturer
Viro-Chek	Hypochlorite	Bob Barker Co.
Alcide LD	Chlorine Oxide	Alcide Corporation

Stain Removal:

Prior to any procedure please abide by your facility's standards for protective clothing and eyewear.

In general, stains to AirPal® TransferPads can be treated in the same way a common garment stain is treated. Using a standard household laundry stain remover (colorfast safe) treat the spot per manufacturer's direction - in place of a laundry stain remover, a concentrated mild detergent can be used. Work the stain for five minutes then rinse thoroughly with cold water. Remove excess rinse water with paper towels and allow to dry thoroughly. Use of a soft bristle brush may aid in stain removal.

For stubborn stains, soak the affected area in cold water and a diluted mild detergent mix of 1:5 (detergent to water). Remove from diluted solution (2 -3 hrs), rinse, and repeat stain removal procedure from above.

Laundry Procedure (does not apply to "L" Series - Lectrolite):

Prior to any procedure please abide by your facility's standards for protective clothing and eyewear.

AirPal® TransferPads other than “L” Series can be laundered according to the instructions below*. Located at the foot-end of the AirPal® TransferPad is a label with laundry and cleaning instructions. Verify that the AirPal® TransferPad is NOT an "L" Series (note that "L" Series AirPal® Transferpads are a dark Navy Blue color and have a patient surface made from vinyl coated 'Lectrolite®).

1. Soils or Stains: Wipe fabric clean with neutral suds and lukewarm water. Rinse with water.
2. Hard to Clean Spots: Use standard liquid household stain removers (colorfast) and/or soft bristle brush. Pre-soak as needed. See "Stain Removal" above.
3. Disinfection: Dilute disinfectants and/germicides as specified on manufacturer’s product label.
4. Laundering: Wash and rinse according to the “Synthetic Washing Procedure for Coated Fabrics” described below:

* Please note that the Airpal SPS (Single Patient Stay) Disposable TransferPad has limited laundering capability.

CLEANING GUIDELINES

Synthetic Washing Procedure for Coated Materials

Operation	Water Level	Time	Maximum Temp.	Supplies
1st Suds	High	5 min.	120F	Neutral Soap & Alkali
2nd Suds	High	10 min	120F	Neutral Soap
1st Rinse	High	3 min.	120F	Water
2nd Rinse	Low	3 min.	90F	Sour to ph 5.0

- A slow speed machine is used. The wash wheel is stopped for drainage and refilling between each cycle.
- Extract with centrifugal extractor.
- Tumble dry in steam dryer (not gas) at lowest possible setting (140F maximum). All synthetic fabrics are heat sensitive. To prolong the life of your product always use the lowest temperature setting.
- Do Not Iron. Although wrinkles may appear, they will not affect performance.

5. Strict adherence to above described laundry procedures must be maintained. Failure to follow recommended procedures may prove harmful to fabrics resulting in loss of expected useful life and voiding of warranty.

This method of cleaning and disinfecting AirPal® TransferPads and Sani-Liners has been developed and conforms with guidelines issued by the Center for Disease Control, Atlanta, GA.

Air Supply Filter and Accessory Cleaning

Filter (located inside the AirPal® Air Supply):

WARNING: ***Electrical Hazard. Remove AirPal® Air Supply from electrical outlet before following this procedure.***

Prior to any procedure please abide by your facility's standards for protective clothing and eyewear.

The AirPal® Patient Transfer System requires the use of the AirPal® Air Supply for inflation and patient transfer. The airflow is filtered through a "sock type" filter located inside the stainless steel filter enclosure. Cleaning of the filter is considered "routine maintenance" and under no condition will it void the manufacturer's warranty to follow the filter cleaning procedure (AirPal® Air Supplies are covered under warranty from date of shipment for two years). Filter cleaning schedules are dependent upon amount of use and operating environment. AirPal® recommends cleaning the filter on a minimum basis of once every three months. Filters should be replaced every two to three years or as needed. See appropriate AirPal Air Supply Manual for details.

To access the filter remove the three Phillips® Head screws that attach the stainless steel filter enclosure to the main body of the motor housing. Release the ground strap (green wire) and remove the stainless steel filter enclosure off to the side. Remove the "sock type" filter (the filter is held in place by tension with elastic at the open end).

CLEANING GUIDELINES

Once the filter is removed, clean under cold running water. Place clean filter in a germicidal solution and let soak for five minutes (a 1:10 solution of chlorine bleach to water can be used). Remove from germicidal solution, remove excess solution (paper towels can be used to accelerate drying - place filter between towels and pat dry) Allow the filter to thoroughly dry before reinstalling into the AirPal® Air Supply.

Replace filter by performing removal steps in reverse.

Air Supply - Exterior Surfaces:

WARNING: ***Electrical Hazard. Remove AirPal® Air Supply from electrical outlet before following this procedure.***

Prior to any procedure please abide by your facility's standards for protective clothing and eyewear.

Due to the environment that the AirPal® Air Supply is operated in, it is recommended that the AirPal® Air Supply be routinely cleaned. In between patient use or whenever soiled, the Air Supply and Hose should be wiped down with a germicidal solution (Phenolic is preferred), or as per hospital protocol for a similar type of equipment. Use a clean sponge or paper towels dampened with the germicidal solution to wipe down all exterior surfaces. Wipe up any excess cleaning solution with clean dry paper towels and dispose of or rinse out cleaning tools properly. A diluted 1:10 solution of chlorine bleach to water can be used but note that stainless steel surfaces must be immediately dried after application - chlorine residues can be aggressive to stainless steel and metals in general.

AirPal® STAND or CART - Exterior Surfaces and Storage Basket

Prior to any procedure please abide by your facility's standards for protective clothing and eyewear.

Due to the environment that the AirPal® Patient Transfer System is operated in, it is recommended that the optional AirPal® STAND or CART be routinely cleaned as well. In between patient use or whenever soiled, the AirPal® STAND or CART should be wiped down with a germicidal solution per hospital protocol for a similar type of equipment. Use a clean sponge or paper towels dampened with the germicidal solution to wipe down all exterior surfaces. Wipe up any excess cleaning solution with clean dry paper towels and dispose of or rinse out cleaning tools properly. A diluted 1:10 solution of chlorine bleach to water can be used, but note that all metal surfaces must be immediately dried after application as chlorine residues can be aggressive to metals.

The storage basket of the AirPal STAND is designed to be easily removed for cleaning. Place one hand on the stand and with your other hand push the bottom of the storage basket up and out from the retention bracket. The storage basket can be cleaned in a suitable laundry sink and is also dishwasher safe. When clean and dry replace the storage basket in the retention bracket and push down to seat the storage basket.

AirPal® SPS (Single-Patient-Stay) Disposable TransferPads™

TRANSFERPAD DISPOSAL GUIDELINES

Unlike other disposables, the AirPal SPS (Single-Patient-Stay) Disposable TransferPad is not a "single use" device. Rather, it is a "single patient" device that has been designed to be used for multiple lateral patient transfers during an average patient stay in an acute care setting. This "reusability" feature provides for maximum cost-effectiveness when using disposable lateral patient transfer pads, and AirPal believes that this is a major reason why a healthcare facility would want to choose the SPS TransferPad over competitive disposable products.

The Airpal SPS is the most rugged and cleanable TransferPad on the market. As such, the question sometimes arises as to when the SPS should be disposed of. Since each patient application is quite different, we would suggest that the proper answer is that it really depends on the situation. Rather than arbitrarily limit the useful service life and cost-effectiveness of an SPS TransferPad, AirPal prefers to let each healthcare facility make the TransferPad disposal determination in concert with their standard safe patient handling practice. However, the following are several guidelines that we would suggest each facility use in making this determination:

1. The AirPal SPS has been designed as a "single patient" device. The SPS should be disposed of when the patient to whom the SPS has been assigned has been discharged.
2. The SPS is very cleanable (under certain conditions even launderable). However, when stains can no longer be removed from the SPS patient surface, Airpal suggests that it be disposed of.
3. AirPal suggests that the SPS be disposed of when there are clear signs of wear in the SPS TransferPad surfaces and/or straps.

SUPPORT DOCUMENT

In-Service Training Guidelines - Standard TransferPad

AirPal Air-Assisted Lateral Patient Transfer System
with Reusable (PVR) and Disposable (SPS) TransferPads

PURPOSE:

The purpose of this document is to provide a framework for previously trained staff to train new staff to safely transfer patients using the AirPal Air-Assisted Lateral Patient Transfer System with Standard Length (78") TransferPads. Operation of the system is simple and straightforward. These guidelines will reinforce good methods and safety steps to protect the patient and caregiver alike.

Prior to in-service training, staff who are new to the operation of the AirPal Air-Assisted Lateral Patient Transfer System should complete the online Learning Module available at the AirPal website under the **Training** tab at the top of Home page:

www.airpal.com

INDICATIONS FOR USE:

Staff should review the indications for use. The AirPal Air-Assisted Lateral Patient Transfer System is primarily used for lateral transfers from bed to stretcher. Since forces like shear that act against a patient during transfer are dramatically reduced with the AirPal System, the transfer device is particularly suited to patients with burns, open wounds, and those patients with skin management issues.

Other indications: Dependent patients.
Patients weighing up to 1,000 lbs.
Patients whose body weight and size pose a significant risk or issue to the patient or staff during performance of routine care.

ADVANTAGES OF THE AIRPAL SYSTEM:

- In general, air assisted lateral patient transfer devices overcome many of the drawbacks of floor or ceiling lifts that have been configured for lateral patient transfer. Since the TransferPad can travel with the patient, additional transfers of the patient can be easily accommodated.
- The AirPal Air-Assisted Lateral Patient Transfer System has several unique features that distinguish it from similar devices:

  Extended Handles: Allow use of siderails during transfer and help to maintain posture by extending the caregivers reach.
  Stabilization Bands: Help to center patients who are slightly off-center during inflation and allow greater control during transfer.
  Protective Liners (Sani-Liners): AirPal's specially designed protective liners extend over sidewalls to provide extra protection from soiling and fluids. The unique snap system secures the liner in place so it does not move or bunch up when positioning your patient on the Transfer Pad. Disposable versions of the Sani-Liners also have the same features.
  Medical Fabrics: AirPal utilizes medical fabrics with special characteristics to address skin management concerns. The patient surfaces are double layered so that seams are covered and patients are further protected from shear.

SUPPORT DOCUMENT

In-Service Training Guidelines - Standard TransferPad

Step-by-Step Instructions

1. Refer to the User's Manual located on the handle of the Air Supply if you have any questions concerning the operation of the system.

2. If available, secure a sanitized protective liner (Sani-Liner) to the Transfer Pad using the snap system. (AirPal provides an optional protective Sani-Liner for each width of Transfer Pad. Additionally, disposable Sani-Liners are available.)

3. Place the TransferPad beneath the patient to be transferred using a log rolling technique or patient appropriate procedure.

4. Position the surface to be transferred to next to the patient. If possible, lower the surface to be transferred to by no more than two inches. Secure all surfaces with wheel locks or braking system. Raise the siderails on the opposing sides of the transfer surfaces.

5. Place the patient's arms down by their sides with the legs uncrossed and positioned evenly at the foot end of the Transfer Pad. Observe that the patient is centered on the Transfer Pad (slightly off-centered patients can be corrected during inflation by tugging up on the handle closest to the patient.) Secure the patient safety straps, being sure to leave a slight amount of slack. The extra slack will be taken up when the device is inflated.

6. Plug the AirPal Air Supply into a grounded AC receptacle. Attach the AirPal Air Supply hose end to the foot end of the Transfer Pad. The hose end should fit snuggly and be attached with both snaps to ensure it is secure. (TIP: attach the hose end to the attachment point facing the surface to be transferred to.)

7. With an attendant next to the patient, the AirPal Air Supply can be powered on. Reassure the patient that the Air Supply will make a noise similar to that of a vacuum cleaner, and that it is normal.

8. With attendants facing each other opposite the surfaces the patient will be transferred across, both attendants should firmly grasp the handles. The handles extended reach will allow transfers with the side rails engaged and while maintaining a proper upright posture. The receiving side initiates the transfer by slightly leading the patient's upper torso and pulling towards themselves in a smooth fluid motion. (Note: Do not overtly bend your back. Instead use the length of the handles to extend your reach.)

9. Center the patient on the receiving surface. With an attendant next to the transferred patient, turn off the AirPal Air Supply. Raise all siderails on the receiving surface. Verify that the patient is in comfort.

10. The transfer is complete. Proceed to discussion and review checklist.

SUPPORT DOCUMENT

In-Service Training Guidelines - Standard TransferPad

Discussion and Review Checklist

SAFETY:

Discussion Points:	Tick Mark:
Refer to the attached User's Manual (located on the Air Supply) if you have questions prior to transfer.	
If there is a gap wider than 6 in. between lateral surfaces, a transfer bridge is required.	
Surfaces are secured with brakes and/or wheel locks.	
Patient is centered on TransferPad with legs oriented to the foot end and arms down to the sides of the patient.	
Patient Safety Straps are secured around patient prior to transfer.	
Opposing side rails are deployed prior to transfer .	
Equipment is free of obstructions, and air hose can move freely during transfer	
Minimum of two staff present for transfer.	
Air Supply is not powered on without an attendant for the patient.	
All side rails are secured after transfer.	

OPERATION:

Discussion Points:	Tick Mark:
Patient is informed of the procedure and Air Supply motor noise.	
Differences in height between transfer surfaces is verified as less than 2 inches.	
Surfaces are determined to be level.	
Air hose end is properly inserted and secure – both snaps are used.	
Patient is centered – slightly off center patients can be adjusted with a slight tug upward on the handle closest to the patient during inflation.	
Transfers are initiated with a smooth even pulling motion.	
Patient is transferred by leading upper torso.	
Caregivers maintain posture during transfer and utilize extended handles.	
After transfer, check patient's comfort.	

CARE AND CLEANING:

Discussion Points:	Tick Mark:
Reusable PVR TransferPad and Sani-Liner should be wiped down with a germicidal solution prior to storage. For laundering, label instructions should be followed.	
Disposable SPS TransferPad and Sani-Liner should be kept near patient or disposed of.	
The Air Supply power cord needs to be looped and stored on the Air Supply handle.	
Inspect all equipment prior to storage – note required repairs/replacements.	

Training Record:

Date: _____ **Name of Staff Member Trained:** _____

Name of Trainer (Staff Member): _____

SUPPORT DOCUMENT

In-Service Training Guidelines - ShortPad™

AirPal Air-Assisted Lateral Patient Transfer System with Reusable (PVR) and Disposable (SPS) ShortPads

PURPOSE:

The purpose of this document is to provide a framework for previously trained staff to train new staff to safely transfer patients using the AirPal ShortPad Air-Assisted Lateral Patient Transfer System with short length (47”). Operation of the system is simple and straightforward. These guidelines will reinforce good methods and safety steps to protect the patient and caregiver alike.

Prior to in-service training, staff who are new to the operation of the AirPal Air-Assisted Lateral Patient Transfer System should complete the online Learning Module available at the AirPal website under the **Training** tab at the top of Home page:

www.airpal.com

INDICATIONS FOR USE:

Staff should review the indications for use. The AirPal ShortPad Air-Assisted Lateral Patient Transfer System is primarily used for lateral transfers from bed to stretcher. Since forces like shear that act against a patient during transfer are dramatically reduced with the AirPal System, the transfer device is particularly suited to patients with burns, open wounds, and those patients with skin management issues. The AirPal ShortPad facilitates easy repositioning of a patient in bed, and patient transfers for bariatric drop table procedures and OBGYN.

Other indications: Dependent patients.
Patients weighing up to 1,000 lbs.
Patients whose body weight and size pose a significant risk or issue to the patient or staff during performance of routine care.

ADVANTAGES OF THE AIRPAL SYSTEM:

- In general, air assisted lateral patient transfer devices overcome many of the drawbacks of floor or ceiling lifts that have been configured for lateral patient transfer. Since the ShortPad can travel with the patient, additional transfers of the patient can be easily accommodated.
- The AirPal Air-Assisted Lateral Patient Transfer System has several unique features that distinguish it from similar devices:

  Extended Handles: Allow use of siderails during transfer and help to maintain posture by extending the caregivers reach.
  Stabilization Bands: Help to center patients who are slightly off-center during inflation and allow greater control during transfer.
  Protective Liners (Sani-Liners): AirPal’s specially designed protective liners extend over sidewalls to provide extra protection from soiling and fluids. The unique snap system secures the liner in place so it does not move or bunch up when positioning your patient on the ShortPad. Disposable versions of the liners also have the same features.
  Medical Fabrics: AirPal utilizes medical fabrics with special characteristics to address skin management concerns. The patient surfaces are double layered so that seams are covered and patients are further protected from shear. (NOTE: The use of the ‘Lectrolite patient surface fabric is recommended for high body-fluid applications).

SUPPORT DOCUMENT

In-Service Training Guidelines - ShortPad™

Step-by-Step Instructions

1. Refer to the User's Manual located on the handle of the Air Supply if you have any questions concerning the operation of the system.

2. If available, secure a sanitized durable protective liner (Sani-Liner) to the ShortPad™ using the snap system. (AirPal provides an optional protective Sani-Liner for each width of ShortPad. Additionally, disposable Sani-Liners are available.)

3. Place the ShortPad beneath the patient to be transferred using a log rolling technique or patient appropriate procedure. The ShortPad should be positioned between the top of the head and the thighs.

4. Position the surface to be transferred to next to the patient. If possible, lower the surface to be transferred to by no more than two inches. Secure all surfaces with wheel locks or braking system. Raise the siderails on the opposing sides of the transfer surfaces.

5. Place the patient's arms down by their sides with the legs uncrossed and positioned evenly. Observe that the patient is centered from side to side on the ShortPad (slightly off-centered patients can be corrected during inflation by tugging up on the handle closest to the patient.) Secure the patient safety straps, being sure to leave slack. The extra slack will be taken up when the device is inflated.

6. Plug the AirPal Air Supply into a grounded AC receptacle. Attach the AirPal Air Supply hose end to the buttocks end of the ShortPad. The hose end should fit snuggly and be attached with both snaps to ensure it is secure. (TIP: attach the hose end to the attachment point facing the surface to be transferred to.)

7. With an attendant next to the patient, the AirPal Air Supply can be powered on. Reassure the patient that the Air Supply will make a noise similar to that of a vacuum cleaner, and that it is normal.

8. With at least one attendant on the receiving side and one attendant at the patient's feet, the receiving side should initiate the transfer by pulling on the ShortPad handles - slightly leading with the patient's upper torso and pulling toward the receiving side with a smooth motion. The attendant at the air hose end should guide and slide the patient's legs and feet during the transfer (Note: Do not overtly bend your back. Instead use the length of the handles to extend your reach. The extended handles should allow ergonomic transfers with the side rails engaged).

9. Center the patient on the receiving surface. With an attendant next to the transferred patient, turn off the AirPal Air Supply. Raise all siderails on the receiving surface. Verify that the patient is in comfort.

10. The transfer is complete. Proceed to discussion and review checklist.

SUPPORT DOCUMENT

In-Service Training Guidelines - ShortPad™

Discussion and Review Checklist

SAFETY:

Discussion Points:	Tick Mark:
Refer to the attached User's Manual (located on the Air Supply) if you have questions prior to transfer.	
If there is a gap wider than 6 in. between lateral surfaces, a transfer bridge is required.	
Surfaces are secured with brakes and/or wheel locks.	
The ShortPad is located between the top of the head and the patient's thighs, with the legs together and arms resting on each side of the patient.	
Patient Safety Straps are secured around patient prior to transfer.	
Opposing side rails are deployed prior to transfer.	
Equipment is free of obstructions/hose can move freely during transfer	
Minimum of two staff present for transfer.	
Air Supply is not powered on without an attendant for the patient.	
All side rails are secured after transfer.	

OPERATION:

Discussion Points:	Tick Mark:
Patient is informed of the procedure and Air Supply motor noise.	
Differences in height between transfer surfaces is verified as less than 2 inches.	
Surfaces are determined to be level.	
Air hose end is properly inserted and secure – both snaps are used.	
Patient is centered from side to side – slightly off center patients can be adjusted with a slight tug upward on the handle closest to the patient during inflation.	
Transfers are initiated with a smooth even pulling motion.	
Patient is transferred by leading upper torso. Legs and feet are guided by caregiver.	
Caregivers maintain posture during transfer and utilize extended handles.	
After transfer, check patient's comfort.	

CARE AND CLEANING:

Discussion Points:	Tick Mark:
Reusable PVR ShortPad and Sani-Liner should be wiped down with a germicidal solution prior to storage. For laundering, label instructions should be followed.	
Disposable SPS ShortPad and Sani-Liner should be kept near patient or disposed of.	
The Air Supply power cord needs to be looped and stored on the Air Supply handle.	
Inspect all equipment prior to storage – note required repairs/replacements.	

Training Record:

Date: _____ **Name of Staff Member Trained:** _____

Name of Trainer (Staff Member): _____

STATEMENT OF WARRANTY

Definitions

Each AirPal Platform, AirPal RAMP, AirPal RAMP-All-in-One and AirPal Durable Sani-Liner, is fully warranted against manufacturer's defects for five years from date of shipment. RAMP Air-Controllers are warranted against manufacturer's defects for two years from date of shipment. Each Air Supply is fully warranted against manufacturer's defects for a period of two years from date of shipment. AirPal Stands are warranted against manufacturer's defects for two years from date of shipment.

Terms

All warranties implied or otherwise, are void if the product has been damaged by accident, unreasonable use, neglect, improper service or other causes not arising out of defects in material or workmanship or if the product has not been purchased directly from AirPal, Inc. or its authorized representative. The sole obligation of AirPal, Inc. shall be to repair or replace, at its option, equipment found to be defective under its warranty. Normal "wear" is not covered by this warranty; products will show signs of use over time.

Warranty Repair and or Replacement Procedure

1. Contact AirPal, Inc. at 800-633-4725. AirPal, Inc. will provide you shipping instructions. Upon receipt, AirPal, Inc. will promptly assess and advise its obligation to repair or replace products.
2. For AirPal Platform, AirPal RAMP, AirPal RAMP-All-in-One, and AirPal Durable Sani-Liner—WARNING: Warranted service on these products is fully provided by AirPal, Inc. Any attempt to dismantle or effect repairs by anyone other than AirPal, Inc. automatically voids the five year warranty.
3. For AirPal Air Supply, AirPal RAMP Air Controller, and AirPal Stand—WARNING: Warranted service on these products is fully provided by AirPal, Inc. Any attempt to dismantle or effect repairs by anyone other than AirPal, Inc. automatically voids the two year warranty.

Out of Warranty Repair and or Replacement Procedure

1. Contact AirPal, Inc. at 800-633-4725. AirPal, Inc. will provide you shipping instructions. Upon receipt, AirPal, Inc. will promptly assess and advise recommendation of repair or replacement. If a repair is advised, AirPal, Inc. will provide a repair cost estimate.
2. AirPal, Inc. will repair damaged or worn products at a minimum of $75.00 per effected product. In the event estimated repair costs exceed 50% of current replacement cost, AirPal, Inc. has the option not to repair the effected product.

John Paul
Product Manager

m: +64 21 728 359
ddi: +64 9 829 0595
e: john.paul@uslmedical.co.nz

Universal Specialities Limited
494 Rosebank Road, Avondale 1026
PO Box 15 645, New Lynn,
Waitakere 0640, New Zealand
t: +64 9 829 0960 free t: 0800 658 814
f: +64 9 829 0962 free f: 0800 830 660