

EXCLUSIVE
AUSTRALIAN
DISTRIBUTOR



AIRPAL

DISPOSABLE AIR-ASSISTED
LATERAL PATIENT TRANSFER
SYSTEM



ESSENTIAL TO HEALTH

Contents

Introduction	2
AirPal Air Assisted Lateral Patient Transfer System Overview	3
SPS TransferPad	4
SaniLiner™.....	5
SPS ShortPad™.....	6
Bariatric Transfer Solutions	7
Mobility and Storage Stand.....	8
Case Studies.....	9

Introduction

IT IS EASY TO STATE MUSCULOSKELETAL DISORDERS STATISTICS UNTIL IT CONCERNS YOU. IN THE HEALTH CARE SPACE, THE RISK OF ACQUIRING INJURY THAT AFFECTS THE MUSCLES, JOINTS, TENDON OR SPINE IS INEVITABLE.

Internationally, there is a recommendation for patient handling based on risk, patient transferring interventions, handling aids and caregivers education/training. This ISO study has also identified the use of aids and equipment for handling and moving patients as a significant part of a preventive policy.¹

What are the numbers telling us? In Australia, persons who have experienced a work-related injury by lifting, pushing, pulling or bending has been estimated to be around 181,200 carers within the span of 12 months.²

In Victoria, there is a Patient Transfer guide that provides assistance in categorising risks and handling patients. This includes risk assessment of the 12 common handling situations. In one of the transfers, in particular number 11, where a patient moves from a bed to trolley, a hover mattress aid is recommended.³

In the healthcare industry, the term 'no lift' and 'no lifting' are usually used in relation to the manual handling of patients. Work Cover NSW has come up with a guide to assist organisations to achieve better practise in safe handling, as well as assist with compliance with the Occupational Health and Safety (OHS) legislation in NSW. An example of this safety guide is the case of moving a patient from bed/trolley, using an Air Assisted Transfer Repositioning System (ATR System) which require two people, the bed and the motor.⁴

Reference 1: Ergonomics: manual handling of people in the healthcare sector. ISO technical report 12296

Reference 2: Australian Bureau of Statistics- Work Related Injuries 6324.0, July 2013-June 2014.

Reference 3: Work Safe Victoria: Transferring People Safety, Edition 3, July 2009.

Reference 4: Implementing a Safer Patient Handling Program: Work Cover New South Wales 2005.

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 BETWEEN BENEATH THE PATIENT USING A LOG ROLL OR SIMILAR TECHNIQUE.

The AirPal supply hose is attached to the foot end of the Pad, and an Air Supply is plugged into an AC outlet and turned on. The Pad inflated and air escapes through tiny holes in the bottom of the Pad, reducing friction. Attendance of each side of the patient use the Pad handles to easily transfer the patient (up to 500kg) between surfaces.



The Disposable Range

SPS TransferPad

Single-Patient-Stay Disposable



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.

SINGLE PATIENT STAY DISPOSABLE			
EBOS Code	Size	Supplier Part	UOM
AIP032SPS	32" x 78"	032SPS	Box 10
AIP034SPS	34" x 78"	034SPS	Box 10
AIP039SPS	39" x 78"	039SPS	Box 10
AIP050SPS	50" x 78"	050SPS	Box 5

FEATURES:

- Widths 28, 34, 39, 50" x 78"
- 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
- **Compatible with X-Ray and MRI. Snaps are nickel plated brass. A 25' air supply hose (25NMAH) is available**
- Compatible with equivalent air supply systems (80 cfm)
- Safe Working Load 1000 lbs. / 450 Kg

RESULTS:

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

SaniLiner™ TransferPad Covers



AIRPAL SANILINERS 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, SaniLiners are easy to clean and launder. Available in Reusable and Disposable versions for all TransferPad sizes, SaniLiners 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

SaniLiners 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 SaniLiners are radiolucent.

Optimized TransferPad Deployment

AirPal SaniLiners 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 SaniLiners will help your facility optimize the deployment and use of the AirPal lateral patient transfer system.

FEATURES:

- Widths and lengths available for all TransferPad offerings 18" - 50"
- Extended length/width to fully cover TransferPad
- 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

HALF PAD LECTROLITE SANILINER FOR 34" WD			
EBOS Code	Size	Supplier Part	UOM
AIP0345SL	34" x 47"	034.5SL	Each

The Disposable Range

SPS ShortPad™

Single-Patient-Stay Disposable 47" TransferPad™



IDEAL FOR DROP TABLE PROCEDURES AND PATIENT REPOSITIONING, THE AIRPAL SPS DISPOSABLE SHORTPAD IS CONSTRUCTED OF THE SAME HIGH QUALITY MATERIALS AS OUR STANDARD 78" 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.

Ideal for 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 TransferPad 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.

SPS SHORT PADS			
EBOS Code	Size	Supplier Part	UOM
AIP034SPSS	34" x 47"	034SPSH SHORT	Box 10
AIP039SPSS	39" x 47"	039SPSH SHORT	Box 10

† based on acute care application

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

Bariatric Transfer Solutions



Disposable TransferPad™

The Airpal SPS (Single-Patient-Stay) is the highest quality disposable TransferPad on the market. Designed to be used throughout a patient's hospital stay, this economical SPS pad may be wiped down with standard hospital cleaners and even laundered. **X-ray and MRI compatible (w/ MRI 25' non-magnetic hose).**

FEATURES:

- Bariatric widths 34, 39, and 50" x 78" long
- Polypropylene patient surface
- Rugged construction for multiple transfers



Disposable ShortPad™

The disposable ShortPad is ideal for the repositioning of bariatric patients in the O.R. or for routine examination procedures. With a rugged construction and Single-Patient-Stay disposability, the ShortPad offers exceptional economy and convenience. **MRI & X-ray compatible.**

FEATURES:

- Bariatric widths 34, and 39" x 47" long
- Rugged construction for multiple transfers
- Single-Patient-Stay convenience and disposability



Lateral Transfer Kits

When caring for a bariatric patient, the economical BLTKit is an essential safety aid. Each BLTKit contains all of the components necessary to laterally transfer a bariatric patient with air-mattress comfort and reduced injury risk to patients and caregivers. Kits are available with either a Multi-Patient Reusable Pad or Single-Patient-Stay Disposable TransferPads.

DISPOSABLE BARIATRIC SOLUTIONS				
EBOS Code		Size	Supplier Part	UOM
AIPBLTKITS	AIRPAL BLTKIT SPS BARIATRIC TRANSFER KIT	30" L x 12"W x 13"H	BLTKITS-SPS	Each
AIP034SPS	AIRPAL 34 SINGLE PATIENT STAY DISP 10s	34" x 78"	034SPS	Box 10
AIP039SPS	AIRPAL 39 SINGLE PATIENT STAY DISP 10s	39" x 78"	039SPS	Box 10
AIP050SPS	AIRPAL 50 SINGLE PATIENT STAY DISP 5s	50" x 78"	050SPS	Box 5
AIP034SPSS	AIRPAL 34 SPS SHORT PADS- BOX 10	34" x 47"	034SPSH SHORT	Box 10
AIP039SPSS	AIRPAL 39 SPS SHORT PADS- BOX 10	39" x 47"	039SPSH SHORT	Box 10

Accessories

Mobility and Storage Stand for the AirPal Lateral Patient Transfer system

UNIQUE AMONG COMPETITIVE MOBILITY AND STORAGE PRODUCTS, THE AIRPAL STAND INCORPORATES A PROVEN I.V. POLE DESIGN FOR MAXIMUM STABILITY AND MINIMUM "FOOTPRINT".

Configurable to the needs of your facility, the STAND's modular components (see options below) may be quickly adjusted with a standard hex wrench. Capable of movement in any direction and simple to maintain, the AirPal STAND offers exceptional utility and convenience!

Keep your AirPal system together and at your fingertips

Made with the highest quality hospital-grade components, the AirPal STAND will last for a very long time - just what you'd expect from AirPal!

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)

EBOS Code		Size	Supplier Part	UOM
AIP0500-1	STORAGE CART/ROLLER (304 Stainless Steel & Molded Plastic)	40" H x 17" W x 14"L	0500-1	Each
AIP0700-1	TRANSPORT STAND SINGLE BASKET (Stainless Steel IV Pole Design)	38" H x 23" W x 9"L	0700-1	
AIP0700-2	TRANSPORT STAND DOUBLE BASKET (Stainless Steel IV Pole Design)	38" H x 23" W x 9"L	0700-2	
AIPAS1100	GROUNDING AIR SUPPLY 220-240V	10.75"H x 9.5"W	AS1200	



FEATURES:

- Proven I.V. pole design
- 5 casters for stability
- Moves easily in any direction.
- Modular components offer flexibility in configuration and quick adjustment.
- Minimized surface areas and removable storage basket(s) simplifies cleaning and maintenance.
- High-quality materials and construction.

RESULTS:

- Small storage "footprint".
- Protects the AirPal system from component loss and damage.
- Exceptional utility and convenience.
- Configurable to the needs of your facility.
- Reduces risk of cross-contamination.
- Long service life.

Case Studies:

AirPal Case Study: AIHA

Presented at the American Industrial Hygiene Association Conference & Exposition. Cites the fact that nurses lose three quarters of a million working days a year as a result of back injuries, and how an air-assisted lateral Safe Patient Transfer system such as the AirPal mitigates these injuries.

http://www.airpal.com/BUILD301/airpal_media/doc/AirPal-CaseStudy_AIHA.pdf



AirPal Case Study: HOPE

(EUROPEAN HOSPITAL AND HEALTHCARE FEDERATION)

Profile of the AirPal air-assisted lateral patient transfer system and its impact on Workers' Compensation costs.

http://www.airpal.com/BUILD301/airpal_media/doc/AirPal-CaseStudy_HOPE.pdf



AirPal Case Study: Integris Health

The paper describes how the Oklahoma, US healthcare system reduced their worker compensation costs by over 50% over three years using the AirPal air-assisted lateral patient transfer system.

http://www.airpal.com/BUILD301/airpal_media/doc/AirPal-CaseStudy_Integris.pdf



EBOS Healthcare - Australia

Unit 2, 109 Vanessa Street
Kingsgrove
NSW 2208
Free Phone: 1800 269 534
Free Fax: 1800 810 257

WAREHOUSE LOCATIONS:

New South Wales:

Unit 2, 109 Vanessa Street
Kingsgrove
NSW 2208

Queensland:

Unit 2, 39 Distribution Street
Motorway Business Park
Larapinta
QLD 4110

Tasmania:

7A Pear Avenue
Derwent Park
TAS 7009

Victoria:

Unit 2A, 1508 Centre Road
Clayton Business Park
Clayton
VIC 3168

Western Australia:

2/3 Ernest Clark Road
Canning Vale
WA 6155

email: customerservice@ebosgroup.com.au

Internet: www.ebosonline.com.au

Customer Service Freephone: 1800 269 534



ESSENTIAL TO HEALTH