Air-assisted lateral transfer systems

Making transfers lighter

...with people in mind
Lateral transfers and patient handling can pose a risk to both the patient and caregiver. 80%¹ of nurses suffer an injury directly related to patient handling during their career, and patients (especially immobile ones) can suffer from pain and tissue shearing during transfers.

Clinical studies² of friction reducing devices for lateral patient transfers have clearly shown that low friction air-assisted solutions are best in class. Caregivers rated air-assisted devices significantly higher than other devices in terms of overall patient comfort, ease-of-use, preventing injuries, time efficiency and patient safety. As a patient handling technology, air-assisted transfers provide a cost effective solution to lateral transfers.
Cushioned, caring and cost-effective

Advantages and benefits of air-assisted lateral transfer systems

The Maxi Air™ and AirPal PVR TransferPad™ air-assisted systems provide a great solution when lifts are not practical or when a portable fast solution is required.

Maxi Air
Single patient use air-assisted system

The Maxi Air is a single patient use air-assisted mattress system for use when infection control is necessary to reduce the risk of cross-contamination. It’s ideal for transfers and repositioning of supine and dependent patients as it cushions the patient on a bed of air allowing the patient to be transferred comfortably and securely.

The system includes a perforated inflatable mattress and an air-supply pump. The perforated underside of the mattress enables the air to flow through the mattress to create a cushion of air which helps lightens the static load and dramatically reduces the push-pull forces.

AirPal PVR
Reusable air-assisted system

The AirPal PVR system is a premium reusable air-assisted mattress. As with the Maxi Air system, the AirPal PVR system also facilitates transfers but this time utilizing a wipeable and launderable inflated mattress riding on a cushion of air attached to a portable air-supply. The reduced push and pull forces help to minimize discomfort, friction and shearing, while providing caregivers with a safe method of transfer and repositioning.

The AirPal PVR is comprised of the N Series (nylon twill launderable) and the L Series (Lectrolite® wipe down). Both fabric types are treated with an anti-bacterial coating.
Caregiver Value
- Minimum force required to transfer
- Minimizes the risk of back strain or back injury
- Improved quality of care and safer working environment

Patient Value
- Reduced risk of shear and tissue damage
- Gentle and secure transfers for reduced patient anxiety
- Comfortable and safe as the mattress cushions and cradles the patient with safety straps

Healthcare Administration Value
- Portable and readily available
- An air-assisted transfer option that is easier and quick to use
- Helps to minimize workers compensation costs in caregiver injuries
The new air-assisted lateral transfer systems not only raise patients safely and securely on a cushion of air, but also raise the bar in terms of lateral transfer solutions.

Our air-assisted mattress range consists of the reusable AirPal PVR mattress and the single patient use Maxi Air mattress. Both are perfectly adapted for a wide range of applications from emergency rooms, intensive care, stretcher transports, and areas without ceiling, floor or standing lifts, to long-term care facilities where immobility and reducing caregiver injuries are of primary concern.
Transfer solutions available to you

**Maxi Air**
- Length: 78”
- Width: 34”, 39” and 50”
- Case quantities: 10/case (34” and 39”) and 5/case (50” only)

**Maxi Air pump**
- Weight: 11 lbs
- Motor power: 120 VAC, 60 Hz, 1100W
- Quantities: 1/each

**Maxi Air cart**
- Dimensions: 21.5”W x 36.6”H x 24.4”L
- Quantities: 1/each

An air-assisted single patient multiple use system that provides an easier, safer and effective solution for reducing the physical effort and injury risk associated with lateral transfers.

With a user friendly air supply On/Off button, healthcare providers can inflate or deflate the mattress at the touch of a button. The Maxi Air pump is designed to transport and can be easily hung on the stretcher and/or bed using the carrying handles or attachment hooks.

The Maxi Air cart is ready when you need it. Its ease of transport, ample storage space and anti-tip design makes it the perfect accessory to your Maxi Air system.

**AirPal SPS ShortPad**
- Length: 47”
- Width: 34” and 39”
- Case quantities: 10/case

**Disposable AirPal Sani-Liner covers**
- Length: 78”
- Width: 28”, 32”, 34”, 39” and 50”
- Case quantities: 10/case and 50/case
- Optional 1/each for 34” only

The Single Patient Stay ShortPad is a single patient use mattress that not only addresses the threat of cross-contamination, but also allows improved access to the patient’s abdominal area during surgical procedures.

Easy to remove and dispose of, the Disposable Sani-Liner cover can be placed on top of the mattress to add extra protection.
Ideal for OB/GYN and Cystoscopy, the ShortPad facilitates easy repositioning while enabling easy access to the patient’s lower body.

The Sure-Chek® Fusino III HP (N Series) PVR TransferPad is made of a specialized Herculite® antimicrobial, water proof, vapor-permeable urethane coating and launderable material. This material is also used to cover healthcare mattresses.

The Lectrolite® (L Series) PVR TransferPads are the same as the N Series, except the patient surface is replaced with a Lectrolite® material that can be wiped down. This aids in application uses for areas such as the ER, OR and Obstetrics that encounter excessive fluids.

A shorter version of the PVR Lectrolite® TransferPad, the PVR ShortPad is ideal for use during Cystoscopy and OB/GYN procedures when excessive fluids could be encountered.

These extended Sani-Liner covers are easily attached to the AirPal PVR TransferPads, thereby helping to provide an extended service life and help reduce cleaning cycles and laundry costs.
Let us help you lighten your load

Doris, who has no capacity to support herself
Emma, who is almost completely bedridden and totally dependent

Please contact ArjoHuntleigh for further information on the Mobility Gallery™.


Only ArjoHuntleigh designed parts, which are designed specifically for the purpose, should be used on the equipment and products supplied by ArjoHuntleigh. As our policy is one of continuous development we reserve the right to modify designs and specifications without prior notice.

Sure-Chok® and Lectrolite® are trademarks of Herculite®. All other ® and ™ are trademarks belonging to the ArjoHuntleigh group of companies. © ArjoHuntleigh, 2014

www.ArjoHuntleigh.com