Safe care for you and your patients

Address the risk factors of pressure injury and healthcare worker injury
Are your patients at risk for pressure injuries?

Pressure injuries are a significant health issue and one of the biggest challenges your facility faces on a day-to-day basis. Aside from the high cost of treatment, pressure injuries also have a major impact on your patients’ lives and on your hospital’s ability to provide appropriate care to patients.¹

Too common and costly for patients, families, and the healthcare system

Pressure injuries affect more than 2.5M patients per year²

The overall prevalence of pressure injuries is 9.3%³

About 60,000 patients die as a direct result of a pressure injury each year⁴

Cost to treat pressure injuries can range from $20,900 – $151,700 depending on the stage of injury.²

Pressure injuries are commonly seen in high-risk populations: elderly patients who are very ill; critical care patients‘
The primary goal—prevention

As a nurse, you’re often on the frontline of defense against pressure injuries. Constant vigilance and communication across units is essential to reduce the rate of pressure injuries in high-risk patient populations.

A challenging condition
Addressing pressure injuries has always been a challenge, not just for caregivers, but also for the healthcare industry, because the epidemiology of pressure injuries varies by clinical setting.¹

The sacrum and the heels are the most common site to develop pressure injuries.⁵

The fearsome four:
Address pressure injury risk factors⁶

- Pressure
- Friction
- Shear
- Moisture

Additional risk factors⁷
- Reduced mobility or immobility
- Acute illness
- Extremes of age
- Vascular disease
- Level of consciousness
Are you at risk for injury?

Healthcare professionals incur musculoskeletal (MSK) injuries/nonfatal injuries on the job more often than any other private industry occupation.\(^8\)

Healthcare workers are more likely to get injured on the job than any other occupation—more than construction laborers, firefighters, and police officers.\(^8\)

The most common tasks that lead to injury are patient:
- Lifting
- Transferring
- Repositioning\(^9\)

<table>
<thead>
<tr>
<th>Paying the price</th>
<th>Risks on the rise</th>
</tr>
</thead>
<tbody>
<tr>
<td>$15,800</td>
<td>Patient obesity levels are projected to increase(^{13})</td>
</tr>
<tr>
<td>Average compensation claim due to patient handling</td>
<td></td>
</tr>
<tr>
<td>$37,000</td>
<td>Average age of nurses has risen(^{14})</td>
</tr>
<tr>
<td>Average direct cost associated with an occupational back injury of a healthcare provider(^{11})</td>
<td></td>
</tr>
<tr>
<td>$27,000 – $103,000</td>
<td>Aging healthcare workers statistically become more vulnerable to musculoskeletal injuries(^{15})</td>
</tr>
<tr>
<td>Cost of nurse turnover(^{12})</td>
<td></td>
</tr>
<tr>
<td>Estimates project 260,000 unfilled nursing jobs by 2025(^{16})</td>
<td></td>
</tr>
</tbody>
</table>

Who takes care of patients when healthcare workers are injured on the job?

Many healthcare workers leave the profession early due to debilitating arm, back, and shoulder injuries. More nurses are worried about getting a back injury than contracting an infectious disease.\(^{17}\) And for good reason:
- 56% of nurses have experienced MSK pain that was caused by or made worse at work\(^{17}\)
- 80% continued to work despite having MSK pain\(^{11}\)
- 48% of hospital worker injuries that result in days away from work are caused by overexertion or bodily reaction that includes motions such as lifting, bending, reaching, or slipping without falling\(^{14}\)

<table>
<thead>
<tr>
<th>High frequency task</th>
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</thead>
<tbody>
<tr>
<td>Posture</td>
</tr>
<tr>
<td>Healthcare worker injury</td>
</tr>
<tr>
<td>Exertion</td>
</tr>
<tr>
<td>Duration of task</td>
</tr>
</tbody>
</table>
How is your hospital addressing safe patient handling?

There is no such thing as safe manual lifting of patients, regardless of body mechanics.\textsuperscript{19}

30+ years of research and experience shows that relying on proper body mechanics or manual lifting techniques alone is not effective to reduce back and other MSK injuries.\textsuperscript{20}

Nurses can lift a cumulative weight of up to 1.8 tons during an 8hr shift.\textsuperscript{21}

Hospitals are investing in equipment, but healthcare workers are still getting injured

82\% of healthcare workers who sustained an MSK injury did not use facility lifting equipment.\textsuperscript{22}

Why aren’t nursing staff using lifting equipment?

The equipment may not be easily accessible. It may be located away from patient care areas, moved to another floor, unavailable while being reprocessed, or, worse yet, locked away in a closet.
Prevalon® MATS
Mobile Air Transfer System

Safely and easily transfer patients
The Prevalon Mobile Air Transfer System (MATS) is designed to provide nurses with a safe and easy way to laterally transfer patients. The system uses a cushion of air to move patients laterally from one surface to another with significantly less pulling and without the need for lifting. It is designed to remain with the patient and provide transfer assistance throughout a hospital stay.

Prevalon Air Pump
- Easily fits into the Prevalon Air Pump Cart for easy transport or in cabinets and shelves in patient room

Cradle inflation
- Cradles patient with 2-phase inflation and raises patient in one smooth motion

73% less exertion
VS. standard of care

Reprocessed option available
Ask your sales representative for information about our Save Simply program.

Prevalon MATS
39” x 81”
(1) Prevalon MATS Glide Sheet
(1) Mª Microclimate Body Pad
10 systems/case
Reorder #3242-R
Expandable hose
• Extends to 10 ft to easily accommodate care settings

Quick Connect Valve
• Provides an easy, secure connection and a quick release

Integrated head support
• Inflation provides comfortable support for the head and neck

M² Microclimate Body Pad
• Effectively absorbs and locks in moisture to protect patient’s skin while allowing air to flow through

Easy Grab Handles
• Positioned along outer edges

Imaging capability
• Acceptable for use in MRI*, X-Ray, CT Scan, and ultrasounds*

Hose Protection Sleeve
• Helps protect hose from environmental contamination

Point of Care Power Switch
• Integrated into workflow to improve efficiency by allowing caregiver to focus on patient at the bedside

Prevalon MATS
39” x 81”
(1) Prevalon MATS Glide Sheet
(1) M² Microclimate Body Pad
10 systems/case
Reorder #3242
Reorder #3244
TAA Compliant
Reorder #3247
Without M² Microclimate Body Pad

Prevalon Air Pump - 120V
1/case
Reorder #7455

HEPA Equipped Replacement Filter
4 filter/case
Reorder #7465

Hose Protection Sleeve (HPS)
50/case
Reorder #7460

Prevalon Air Pump Cart
1 cart/case
Reorder #7475

M² Microclimate Body Pad
30 pads/case (6 bags of 5)
Reorder #7250

*Prevalon MATS is MR safe by rationale. The device is made from all non-metal materials; therefore MR safety testing was not performed. Compatibility tests did not show artifacts. Based on rationale, the MAT is electronically non-conductive and non-magnetic.
Sage
Prevalon AirTAP®
Patient Repositioning System

Safe positioning for healthcare workers and patients

Boosting and repositioning patients in bed is a high-frequency task. The Prevalon AirTAP System uses air-assisted technology to significantly reduce the force required to move patients. To reduce the risk of pressure ulcers, the Prevalon AirTAP System maintains an optimal microclimate and delivers proper sacral offloading.

**Hi-tech fabric**
- Promotes a healthy microclimate for the skin and is compatible with low air loss technology
- Easy to clean surface

**M² Microclimate Body Pad**
- Effectively absorbs and locks in moisture to protect patient’s skin while allowing air to flow through

**Hose Protection Sleeve**
- Helps protect hose from environmental contamination

**Prevalon Air Pump**
- Safely fits under most ICU beds
- Hanging clip allows booster pump to travel easily with bed

**Point of Care Power Switch**
- Integrated into workflow to improve efficiency by allowing caregiver to focus on patient at the bedside

80% less force to boost VS. standard of care²
Anchor Wedge System

- Helps maintain natural side lying position and reduces pressure by offloading sacrum
- Minimizes patient migration down the bed
- Reduces the need for boosting, minimizing shear and friction

Black Positioning Handles

- Encourage proper ergonomic position for the healthcare worker when preparing to reposition patient

Easy Roll Handles

- Encourage proper posture for healthcare worker

Quick Connect Valve

- Provides an easy, secure connection and a quick release

Prevalon AirTAP Patient Repositioning System

1. Prevalon AirTAP Glide Sheet
2. M’ Microclimate Body Pad
3. 30° Body Wedges

5 systems/case
Reorder #7217
Reorder #7227

30° Anchor Wedge System
5 pair/case
Reorder #7295

M’ Microclimate Body Pad
36” x 51”
30 pads/case (6 bags of 5)
Reorder #7250

Prevalon Air Pump - 120V
1/case
Reorder #7455

HEPA Equipped Replacement Filter
4/case
Reorder #7465

Hose Protection Sleeve (HPS)
50/case
Reorder #7460

Air Pump Bed Adapter
1/case
Reorder #7485
Prevalon Air Pump
• Easily fits into the Prevalon Air Pump Cart for easy transport or in cabinets and shelves in patient room

Expandable hose
• Extends to 10 ft to easily accommodate care settings

Hose Protection Sleeve
• Helps protect hose from environmental contamination

Point of Care Power Switch
• Integrated into workflow to improve efficiency by allowing caregiver to focus on patient at the bedside

Microclimate Body Pad
• Effectively absorbs and locks in moisture to protect patient’s skin while allowing air to flow through

Reduce risk factors for skin injury and patient handling injury when turning and repositioning larger patients

Boosting and repositioning patients in bed is a high-frequency task. The Prevalon AirTAP XXL System helps reduce the risk of injury to nurses and other caregivers by providing an ergonomically friendly method of turning and repositioning larger patients.
Head support
• Inflation provides comfortable support for the head and neck

Body wedge tail
• Easy glide fabric enables at least two healthcare workers to turn larger patients

30° Body Wedges
• Help maintain natural side lying position and reduce pressure by offloading sacrum
• Eliminate the need to log roll a patient to place wedges

Low-Friction Glide Sheet
• Full-length glide sheet provides integrated head and foot support
• M’ Microclimate Body Pad accommodates larger patients
• 45 inches wide to help accommodate larger patients

Easy Roll Handles
• Encourage proper posture for healthcare worker
• Extend width of glide sheet by 8 inches

Quick Connect Valve
• Provides an easy, secure connection and a quick release

Prevalon AirTAP XXL Patient Repositioning System
(2) Prevalon XXL 30° Body Wedges
(1) Prevalon AirTAP XXL Patient Repositioning Glide Sheet
(1) M’ Microclimate Body Pad
1 system/case
Reorder #7231

Prevalon AirTAP XXL 30° Body Wedges
(2) Prevalon AirTAP XXL 30° Body Wedges
1 pair/case
Reorder #7293

M’ Microclimate Body Pad XXL
20 pads/case (4 bags of 5)
Reorder #7260

Prevalon AirTAP XXL Patient Repositioning System Glide Sheet
(1) Prevalon AirTAP XXL Patient Repositioning Glide Sheet
(1) M’ Microclimate Body Pad
5 systems/case
Reorder #7294

Prevalon Air Pump – 120V
1/case
Reorder #7455

HEPA Equipped Replacement Filter
4/case
Reorder #7465

Hose Protection Sleeve (HPS)
50/case
Reorder #7460

Prevalon Air Pump Cart
1 cart/case
Reorder #7475
Sage

Prevalon® TAP XL/XXL

Turn and Position System

Turning and repositioning of larger patients

This system helps reduce the risk of injury to nurses and other caregivers by providing an ergonomically friendly method of turning and repositioning larger patients.

- Larger size wedges redistribute pressure for bariatric patients
- Velcro strips attach to low-friction glide sheet, keeping body wedges in place under patient

Wedge system

- Larger size glide sheet and M² Microclimate Body Pad accommodate bariatric patients

Low-Friction Glide Sheet

- Secures to most bariatric hospital beds
- Can be used in place of a fitted/flat hospital sheet to help reduce friction

Mattress Cover

- Effectively absorbs and locks in moisture to protect patient’s skin while allowing air to flow through

M² Microclimate Body Pad

- Larger size wedges redistribute pressure for bariatric patients
- Velcro strips attach to low-friction glide sheet, keeping body wedges in place under patient

Prevalon TAP XL/XXL

(1) Mattress Cover
(1) Low-Friction Glide Sheet with Anti-Shear Strap
(6) M² Microclimate Body Pads
(2) 30° Body Wedges

M² Microclimate Body Pad

- Effectively absorbs and locks in moisture to protect patient’s skin while allowing air to flow through

<table>
<thead>
<tr>
<th>Size</th>
<th>Mattress Cover</th>
<th>Low-Friction Glide Sheet</th>
<th>M² Microclimate Body Pad</th>
<th>Reorder #</th>
</tr>
</thead>
<tbody>
<tr>
<td>XL</td>
<td>41” x 51”</td>
<td>40-44 in 102-132 cm</td>
<td>&lt; 800 lbs &lt; 362 kg</td>
<td>#7220</td>
</tr>
<tr>
<td>XXL</td>
<td>46” x 51”</td>
<td>&gt; 45 in &gt; 114 cm</td>
<td>&lt; 800 lbs &lt; 362 kg</td>
<td>#7230</td>
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<tr>
<td>XL</td>
<td>41” x 57”</td>
<td>20 pads/case (4 bags of 5)</td>
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<td>#7255</td>
</tr>
<tr>
<td>XXL</td>
<td>45” x 57”</td>
<td>20 pads/case (4 bags of 5)</td>
<td></td>
<td>#7260</td>
</tr>
</tbody>
</table>
Prevalon® TAP 2.0
Turn and Position System

Turn and position patients safely
The Prevalon Turn and Position System 2.0, unlike lift slings and plastic slide sheets, stays under the patient at all times. It’s always ready to assist with turning, repositioning, and boosting the patient. This makes it possible for nurses and staff to achieve compliance to q2 turning protocol while providing the best care and minimizing stress on the patient.

M² Microclimate Body Pad
- Effectively absorbs and locks in moisture to protect patient’s skin while allowing air to flow through

Low-Friction Glide Sheet
- Works with Anchor Wedge System to reduce friction and shear
- Dermasuede material grips the microclimate body pad to keep it in place

Black Positioning Handles
- Assist with quick, gentle microturns to position the patient at the appropriate angle

Orange Boost Straps
- Promote proper body mechanics and reduce reliance on grip strength

Prevalon Tap 2.0
(2) 30° Body Wedges with Anchor Wedge System
(1) Low-Friction Glide Sheet
(1) M² Microclimate Body Pad
5 systems/case
Reorder #7201
Reorder #7201–WBS
(Without boost straps)

Standard:
36” x 55”
< 40 in
< 102 cm

(2) 30° Body Wedges with Anchor Wedge System
(1) Low-Friction Glide Sheet
(6) M² Microclimate Body Pads
3 systems/case
Reorder #7206
Reorder #7206–WBS
(Without boost straps)

M² Microclimate Body Pad
36” x 51”
30 pads/case (6 bags of 5)
Reorder #7250

30° Body Wedges with Anchor Wedge
5 pair/case Reorder #7295

Low-Friction Glide Sheet
20 each/case Reorder #7296

- Helps maintain natural side lying position and reduces pressure by offloading sacrum
- Minimizes patient migration down the bed
- Reduces the need for boosting, minimizing shear and friction
Reduce risk factors for skin injury and patient handling injury

The Prevalon Turn and Position System 1.0 is designed to assist and maintain proper patient positioning to offload the sacrum. It also effectively manages moisture and body heat to protect patients’ skin. In addition, it helps reduce the risk of injuries to nurses and caregivers by providing a more ergonomically friendly method of repositioning patients.

30° Body Wedges
- Soft foam wedges allow staff to easily position patients for consistent protection and pressure redistribution

M² Microclimate Body Pad
- Effectively absorbs and locks in moisture to protect patient’s skin while allowing air to flow through

Anti-Shear Strap
- Anchors the system to the bed to reduce shearing

Low-Friction Glide Sheet
- Works with the 30° Body Wedge System to reduce friction and shear
- Dermasuede material grips the microclimate body pad to keep it in place

Positioning Handles
- Assist with quick, gentle microturns to position the patient at the appropriate angle

Prevalon Tap 1.0
(2) 30° Body Wedges
(1) Low-Friction Glide Sheet
(1) M² Microclimate Body Pad
5 systems/case
Reorder #7200

Standard:
36” x 50”
<40 in x 102 cm
< 550 lbs < 250 kg

(2) 30° Body Wedges
(1) Low-Friction Glide Sheet
(6) M² Microclimate Body Pads
3 systems/case
Reorder #7205

M² Microclimate Body Pad
36” x 51”
30 pads/case (6 bags of 5)
Reorder #7250

30° Body Wedges
6 pairs/case
Reorder #7297

Low-Friction Glide Sheet
20 each/case
Reorder #7296
Prevalon® SPS
Seated Positioning System

Designed to promote early patient mobility and reduce risk factors for patient handling injury

Boosting and repositioning patients in the bedside chair can put clinicians at risk for injury. The Prevalon Seated Positioning System provides an easy option for clinicians to safely glide patients to an optimal upright-seated position without lifting. It is uniquely engineered to keep the seated patient in place, minimizing the need for repetitive boosting and repositioning.

Prevalon Seated Positioning System
(1) Seated Positioning Cushion with Fastener Strips
(1) Microclimate Management Pad
5 systems/case
Reorder #7530

High Elevation (Above 3000 ft)
5 systems/case
Reorder #7531

Prevalon Seated Positioning System
(1) Seated Positioning Cushion with Fastener Strips
(5) Microclimate Management Pads
3 systems/case
Reorder #7555

High Elevation (Above 3000 ft)
3 systems/case
Reorder #7556

Microclimate Management Pad
• Contains and absorbs fluid to protect patient’s skin while allowing air to flow through

Multi-grip Handles
• Promote proper ergonomics for healthcare worker posture and body mechanics

One-way glide
• Unique material resists forward movement, ensuring patients remain in an optimal position

Multi-Chamber Air Cushion
• Redistributes pressure and provides comfort and security while allowing patient to shift in the chair

Microclimate Management Pad
23” x 36”
30 pads/case (6 bags of 5)
Reorder #7550
The heel is the second most common site for pressure injury development. The Prevalon Heel Protector was specifically designed to help reduce the risk of heel pressure injury while keeping the foot and leg in a neutral position.
Prevalon Heel Protector I
Recommended for patients with calf circumference of:
10 in – 18 in (25 cm – 46 cm)
8 packages/case
Reorder #7305

Prevalon Heel Protector II
Recommended for patients with calf circumference of:
10 in – 18 in (25 cm – 46 cm)
8 packages/case
Reorder #7300
2 packages/case
Reorder #7302

Prevalon Heel Protector III
with integrated wedge
Recommended for patients with calf circumference of:
10 in – 18 in (25 cm – 46 cm)
8 packages/case
Reorder #7355

Prevalon Heel Protector III XL
with integrated wedge
Recommended for patients with calf circumference of:
18 in – 24 in (46 cm – 61 cm)
2 packages/case
Reorder #7382

Foot and Leg Stabilizer Wedge
For use with reorder #7300 and #7302
10 packages/case
Reorder #7350

Prevalon Heel Protector III Petite
with integrated wedge
Recommended for patients with calf circumference of:
6 in – 10 in (15 cm – 25 cm)
8 packages/case
Reorder #7310
2 packages/case
Reorder #7312

Prevalon Heel Protector III
Recommended for patients with calf circumference of:
10 in – 18 in (25 cm – 46 cm)
8 packages/case
Reorder #7305

Rip-stop nylon
• Helps maintain patient’s freedom of movement by easily sliding over bed sheets

Contracture Strap
• Helps prevent plantar flexion contracture

Integrate Anti-Rotation Wedge
• Helps prevent lateral foot and leg rotation, reducing the risk of peroneal nerve damage

Dermasuede fabric interior
• Gently grips limb so it remains fully offloaded, even when patient is moving

Expandable Straps
• Stretch to accommodate lower limb edema
• No sharp edges or irritating surfaces

SCD compatible

• Offloads the heel
• Reduces plantar flexion contracture risk
• Helps prevent lateral rotation, reducing risk of peroneal nerve damage
• Sequential Compression Device (SCD) compatible
Proven results

Sage Prevalon® Turn and Position System (TAP)

74% reduction in employee injury saves
$315,000

48% decrease in hospital-acquired pressure injury (HAPI)

Sage Prevalon® Seated Positioning System (SPS)

Overall standard of care was
246%
greater exertion vs. 2 caregivers using SPS

Sage Prevalon® Heel Protector

72%
decrease in heel pressure ulcers over 4 years
Our commitment to you and your patients

We believe building partnerships can deliver better outcomes. Our goal is to provide you with the products, training, education, and support you need to provide the best possible care for your patients.

Available resources include:

- Ongoing product and process in-servicing and education
- FocusRN—a free accredited learning portal with interactive CE modules
- Focused clinical education through our Clinical Science Liaison Team
- Pre- and post-intervention assessments
- CustomerOne tracking and reporting
- Education through the Sage Speaker Program from clinical thought leaders

Helping you drive change at your facility

Our CustomerOne Value Analysis Program measures, analyzes, and reports

Changing practice involves lots of effort and, above all else, data. You may know a change is needed, but you lack the evidence to gain acceptance. Evaluation is critical, but you may not have resources to gather, analyze, and report on your own. We can help. Our exclusive team of CustomerOne professionals is your expert resource for customized measurement and data analysis.

Let us help validate your success!
Simple interventions. Extraordinary outcomes.

We are your partner for proven prevention. Our market-leading products solve real healthcare problems and are backed by clinical evidence. Our products allow you to deliver essential patient care with confidence by addressing risk factors that can lead to infections, skin injury, and caregiver injuries.

We are driven to solve real problems and make healthcare better for you and your patients.

Find our Sage nurse trusted products at shopsageproducts.com or call 800 323 2220

References