



Hillrom™

PRO+ SURFACE

Significantly reduce HAIs and
enhance the patient experience





MORE COMPLEX PATIENTS INCREASED RISK OF COMPLICATIONS

While most occurrences of hospital acquired conditions decreased, pressure injuries have increased by 6%.¹



30% INCREASE

in severe pressure injuries in academic medical centers between 2015–2017.²



2.5 MILLION PATIENTS

develop hospital acquired pressure injuries (HAPIs) annually, representing 8.3% of hospital admissions.^{3,4}



\$3.3–\$11 BILLION

estimated annual cost of care from pressure injuries.^{3,4}





Empowering you to care for your complex patients while helping to improve patient outcomes and the patient experience.

**WHAT THE PRO+ SURFACE
CAN DO FOR YOU**

CLICK ON EACH ICON TO LEARN MORE





OPTIMIZE OUTCOMES TO MAXIMIZE INVESTMENT

Proven to significantly reduce HAIs, among other clinical and economic benefits

Hillrom worked closely with caregivers, risk managers and purchasing managers to develop a surface that reimagines the delivery of low air loss therapy.

In partnership with the National Pressure Injury Advisory Panel (NPIAP), we developed standardized testing of surface performance to deliver surfaces that provide optimal wound prevention and healing.



STANDARDIZED SURFACE PERFORMANCE TESTS WERE DEVELOPED FOR:



PRESSURE



SHEAR AND FRICTION



HEAT



MOISTURE




OVERVIEW

OPTIMIZE OUTCOMES TO MAXIMIZE INVESTMENT

Learn more about pressure injury prevention with additional resources:

Hillrom. ENHANCING PRESSURE INJURY PREVENTION STRATEGIES BASED ON NEW GUIDELINES
From learning more to doing better



PREVENTION RATES OVER TIME

According to a 2019 study published in the Journal of Wound Care, the prevalence of pressure injuries in the United States increased from 1.5% in 2010 to 2.5% in 2017. This increase is attributed to a growing number of patients at risk, including those in long-term care facilities, and a rising incidence of pressure injuries in the community.

According to a 2019 study published in the Journal of Wound Care, the prevalence of pressure injuries in the United States increased from 1.5% in 2010 to 2.5% in 2017. This increase is attributed to a growing number of patients at risk, including those in long-term care facilities, and a rising incidence of pressure injuries in the community.


\$3.3-\$11 billion annually

THE NEXT LAYER

Preventing pressure injuries begins with you. Learn more about strategies based on recent updates and guidelines from The National Pressure Injury Advisory Panel (NPIAP).

[READ THE WHITEPAPER](#)

How to Detect and Prevent Pressure Injuries



Pressure injuries are a major issue for patients, with an estimated 2.3 million treated each year in the United States. These so-called pressure ulcers, pressure injuries are localized damage to the skin and underlying tissue.

For the patient, pressure injuries can create an average of:

- 57% longer length of stay
- 22% higher rate of readmission within 30 days
- 3x higher mortality

DETECT AND PREVENT PRESSURE INJURIES

Preventing and treating pressure injuries is important for minimizing cost and enhancing the patient experience.

[CLICK TO VIEW](#)





SOLUTIONS

OPTIMIZE OUTCOMES TO MAXIMIZE INVESTMENT

CLICK ON EACH HOTSPOT TO LEARN MORE



**REDUCE
OPERATIONAL
SPEND**

**REMOVE MORE HEAT
AND MOISTURE⁵**

**REDUCE SACRAL
PRESSURE⁶**



OPTIMIZE OUTCOMES TO MAXIMIZE INVESTMENT

CLICK ON EACH HOTSPOT TO LEARN MORE



On-demand therapy reduces the need to rent.

REDUCE
OPERATIONAL
SPEND

REMOVE MORE HEAT
AND MOISTURE⁵

REDUCE SACRAL
PRESSURE⁶



OPTIMIZE OUTCOMES TO MAXIMIZE INVESTMENT

CLICK ON EACH HOTSPOT TO LEARN MORE



Advanced Microclimate® therapy removes 4x more moisture and 2.5x more heat than the leading competitor.

REDUCE OPERATIONAL SPEND

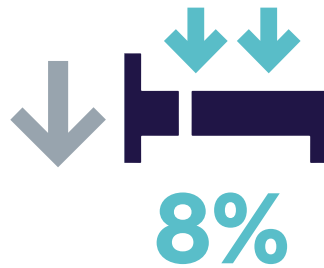
REMOVE MORE HEAT AND MOISTURE⁵

REDUCE SACRAL PRESSURE⁶



OPTIMIZE OUTCOMES TO MAXIMIZE INVESTMENT

CLICK ON EACH HOTSPOT TO LEARN MORE



Customized, non-powered pressure redistribution reduces peak sacral pressure up to 8%.

REDUCE OPERATIONAL SPEND

REMOVE MORE HEAT AND MOISTURE⁵

REDUCE SACRAL PRESSURE⁶



 OVERVIEW

STREAMLINE CARE

Empower caregivers to initiate and adjust Advanced Microclimate® therapy in seconds

Remove excess heat and moisture with Advanced Microclimate® therapy that continually circulates air from the seat to the head.

This allows you to accommodate more patients by addressing increased pressure injury risk levels.



MAXIMUM WEIGHT

Provides therapy for patients up to 500 pounds.





SOLUTIONS

STREAMLINE CARE

CLICK ON EACH HOTSPOT TO LEARN MORE

INTERNAL PUMP

INTUITIVE STATUS INDICATOR



FUTURE-PROOF DESIGN





SOLUTIONS

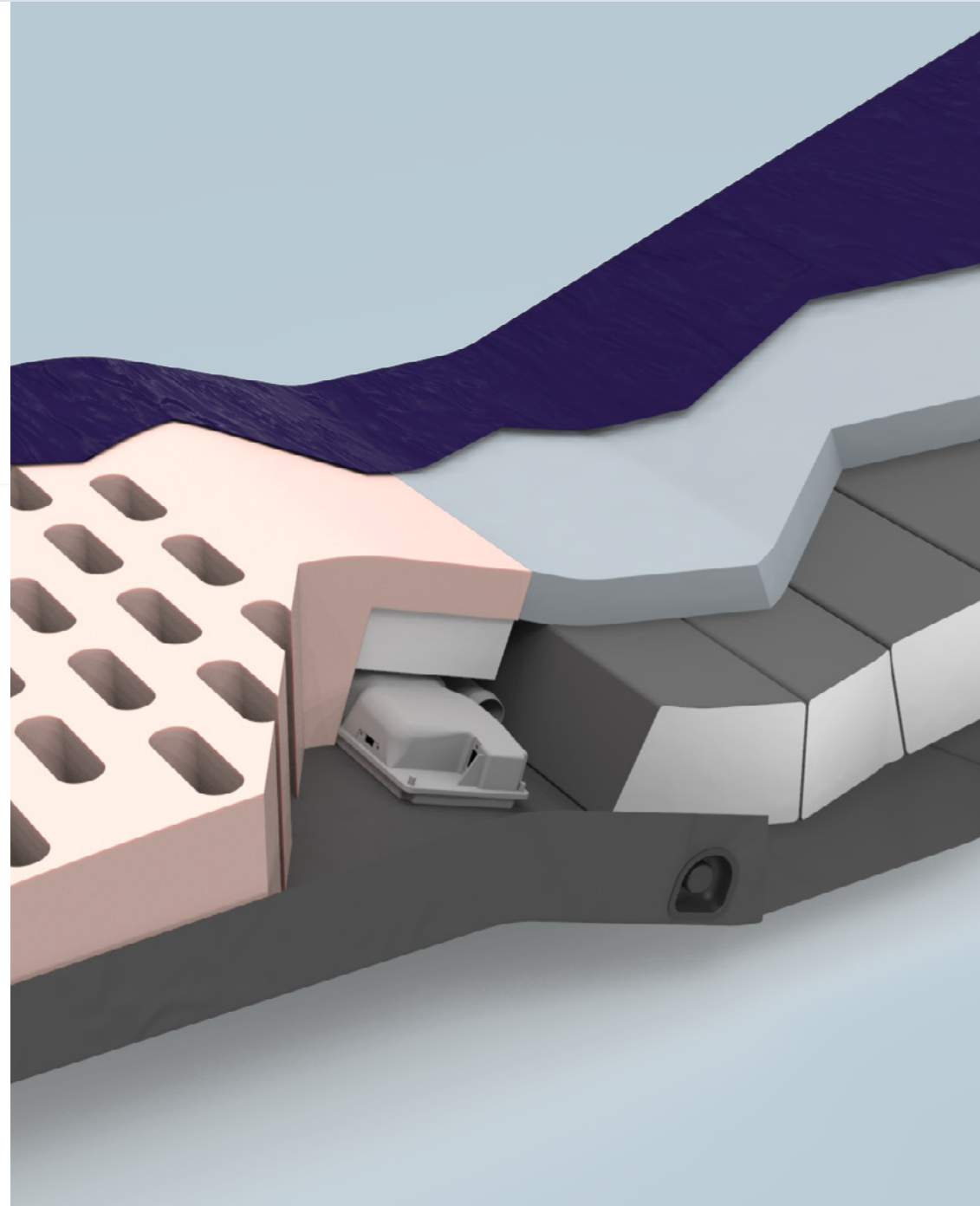
STREAMLINE CARE

Internal pump

Eliminate the wait time and effort required to install an external pump or transfer a patient to another low air loss surface.

Caregiver risk reduction

Reduce the need to transfer patients to another surface, which is often associated with caregiver injury.





STREAMLINE CARE

Intuitive status indicator

See whether Advanced Microclimate® therapy is activated by checking an indicator puck.





SOLUTIONS

STREAMLINE CARE

Future-proof design

Designed to meet your step or flat deck frame configurations.

If you're not ready for a new bed frame, invest in a flat deck design today and use it on a Centrella® Smart+ Bed tomorrow.



LEARN MORE



STEP DECK FRAME



FLAT DECK FRAME





ENHANCE THE PATIENT EXPERIENCE

Offer patients a more comfortable, quiet experience

Let patients sleep, rest and focus on recovering, because no detail is too minor when it comes to improving patient satisfaction.





SOLUTIONS

ENHANCE THE PATIENT EXPERIENCE

[CLICK TO LEARN MORE](#)





SOLUTIONS

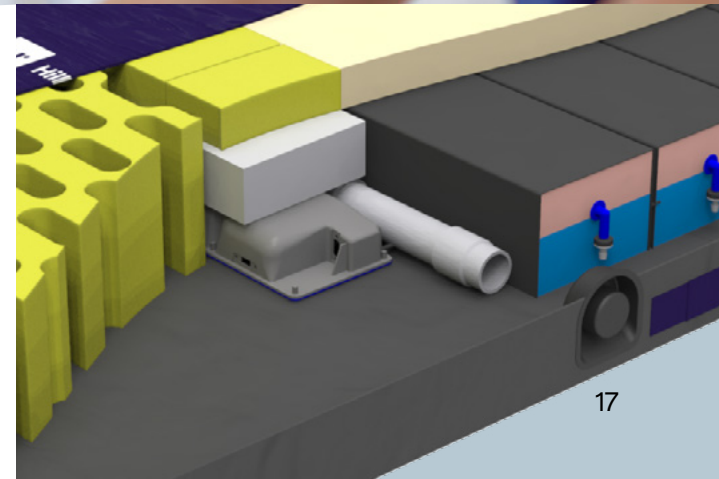
ENHANCE THE PATIENT EXPERIENCE

CLICK TO LEARN MORE

IMPROVE REST



Integrated pump is 36% quieter than comparable surfaces.⁵





SOLUTIONS

ENHANCE THE PATIENT EXPERIENCE

[CLICK TO LEARN MORE](#)

REDUCE DISRUPTIONS



Fewer patient transfers and improved patient comfort with the integrated Advanced Microclimate® therapy and the optional X-ray sleeve.





SOLUTIONS

ENHANCE THE PATIENT EXPERIENCE

[CLICK TO LEARN MORE](#)

HIGHER PERFORMANCE



Advanced Microclimate® therapy uses circulating air to remove excess heat and moisture from the skin.





HELP IMPROVE PATIENT & CAREGIVER SAFETY

Prevent infection and cross contamination

The internal pump keeps patients and caregivers safe by helping to prevent infection and cross contamination, and removes tripping hazards by reducing cords and clutter at the foot of the bed.





SOLUTIONS

HELP IMPROVE PATIENT & CAREGIVER SAFETY

CLICK ON EACH HOTSPOT TO LEARN MORE

MEET INTERNATIONAL SURFACE TESTING STANDARDS

REMOVE POTENTIAL INFECTION SOURCE



PROTECT SURFACE CORE

REMOVE TRIPPING HAZARDS



SOLUTIONS

HELP IMPROVE PATIENT & CAREGIVER SAFETY

Protect surface core

Welded seams and fluid-resistant zippers help prevent fluid, virus, bacteria and odor from penetrating the surface.





SOLUTIONS

HELP IMPROVE PATIENT & CAREGIVER SAFETY

Remove tripping hazards

Fewer cords and wires with the internal pump help keep the floor clear for patients and caregivers.



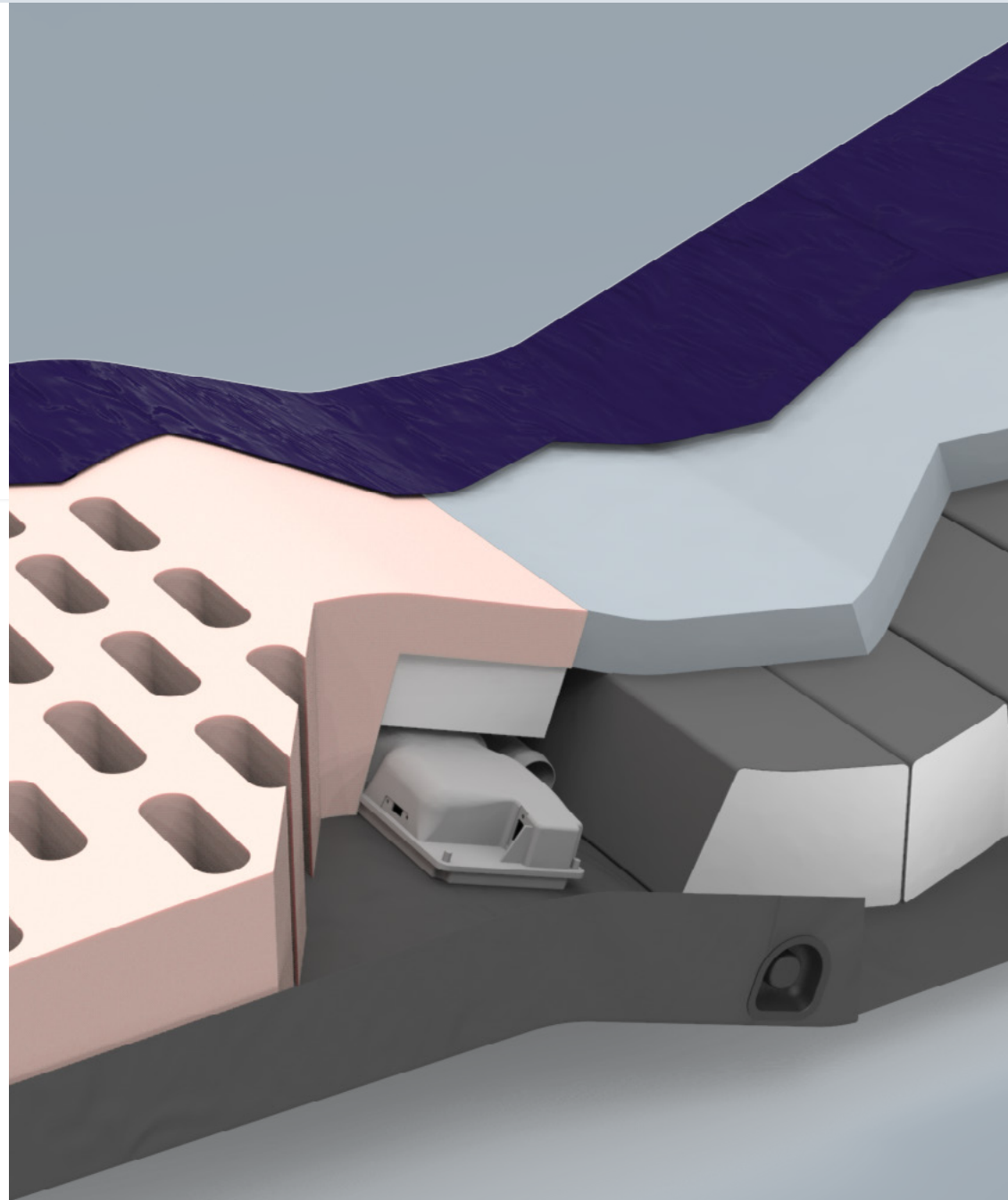


SOLUTIONS

HELP IMPROVE PATIENT & CAREGIVER SAFETY

Remove potential infection source

Make it easier and less time-consuming to clean the surface since there's no external pump to decontaminate. The surface can also be cleaned with a broad spectrum of disinfectants.



**SOLUTIONS**

HELP IMPROVE PATIENT & CAREGIVER SAFETY

Establishing international standards

WHAT IS RESNA TESTING?

International, standardized testing for surfaces to address surface-related pressure injury risk factors.

WHY ESTABLISH STANDARDS?

The lack of standardized performance data for surfaces makes purchase decisions difficult.

WHO WAS INVOLVED?

- NPIAP Support Surfaces Standards Initiative (S31)
- Rehabilitation Engineering and Assistive Technology of North America





COMMITTED TO ADDRESSING EVERY PATIENT'S NEED

The pro+ surface shows our ongoing commitment to deliver what your facility needs to address an increasingly complex patient population. A trusted name for more than a century, Hillrom will continue to bring truly advanced surfaces to market.



REFERENCES

1. AHRQ, 2019 National Scorecard on Hospital-Acquired Conditions 2014-2017.
2. Padula, WV, Black, JM, Davidson, PM, et al. "Adverse Effects of the Medicare PSI-90 Hospital Penalty System on Revenue-Neutral Hospital Acquired Conditions." *J Patient Saf*, vol. 16, no. 2, Jun. 2020, pp. e97-e102.
3. Padula, WV, and BA Delarmente. "The National Cost of Hospital-Acquired Pressure Injuries in the United States." *Int Wound J*, 2019, pp. 1-7.
4. Alderden, J, et al. "Outcomes Associated With Stage 1 Pressure Injuries: A Retrospective Cohort Study." *Am J Crit Care*, vol. 27, no. 6, Nov. 2018, pp. 471-476.
5. Ramegowda, J. 2019. Data on file.
6. Hillrom Internal Test Results. Data on file.

Hill-Rom reserves the right to make changes without notice in design, specifications and models. The only warranty Hill-Rom makes is the express written warranty extended on the sale or rental of its products.