RF HEALTH

The Pressure Injury Crisis: By the Numbers

Hospital-acquired pressure injuries (HAPIs) are a significant threat to patient safety.

An Ongoing Healthcare Challenge

Pressure injuries are **one of the most frequently occurring and preventable** hospital-acquired conditions[1]

2.5M

More than 25 million patients in the U.S. **suffer from hospital-acquired pressure injuries annually**[1]

1/10

Approximately 1 in 10 hospitalized patients **develops a pressure injury**[2]

Immobility is a key risk factor for HAPIs[4]

Sacrum and Heels

The **most common sites** to develop pressure injuries[1]

The Impact on Patients and Healthcare Teams

Hospital-acquired pressure injuries lead to:

- INCREASED PAIN AND INFECTION RISK
- LONGER RECOVERY TIMES
- HIGHER READMISSION RATES
- DECREASED QUALITY OF LIFE
- INCREASED PATIENT MORTALITY

They also create **added workload and care hours** for healthcare teams[6]

A Financial Burden on the Healthcare System

$12B

Hospital-acquired pressure injuries cost the US healthcare system nearly $12 billion annually[7]

$21-152K

Individual treatment costs range from $20,900 to $151,700 per pressure injury[8]

150+ nursing hours per day

A 500-bed hospital may require over 150 nursing hours per day **dedicated to HAPI prevention**[9]

Effective Prevention and Management Strategies

Repositioning every 2 hours remains the cornerstone of prevention and treatment through pressure relief[10]

Reposition the individual in such a way that **optimal offloading of pressure points** and maximum redistribution of pressure are achieved[11]

30°

The National Pressure Injury Advisory Panel (NPIAP) recommends **positioning patients at a 30-degree angle** to prevent pressure injuries and protect vulnerable areas such as bony prominences[12]

Utilize offloading tools such as specialized support surfaces to redistribute pressure[13]

Use heel suspension devices that elevate (float) and offload the heel completely[14]

The Importance of Immersion and Envelopment

The NPIAP emphasizes the necessity of immersion and envelopment in enhancing patient comfort and preventing pressure injuries[15]

Immersion

How deep the body sinks into the surface

Envelopment

How well the surface conforms around the body[16]

Clinicians should **prioritize surfaces that offer both immersion and effective envelopment** to optimize patient care[17]

RF HEALTH

Innovation in Action

RF Health's Pressure Injury Prevention (PIP) portfolio offers a comprehensive approach to address the leading causes of hospital-acquired pressure injuries—sacral pressure injuries and heel ulcers:

HeelP.O.D.™

PRESSURE OFFLOADING DEVICE

Offloads or "floats" the foot, ensures full heel access and visualization, allowing continuous use during wound debridement, dressing changes, and skin assessments. It effectively offloads or "floats" the foot while streamlining application and removal, saving valuable time in patient care.

ELEVATE™

PATIENT POSITIONING

Effectively offloads the sacrum and seamlessly contours to the body enhancing patient comfort and compliance. Proprietary material grips to the mattress and hold the patient in place—eliminating the need to boost often. The patient starts at 40° and holds at 30°, as recommended by the NPIAP guidelines.

Both products feature **immersion and envelopment technologies**—improving comfort, compliance, and offloading confidence

Want to learn more about preventing hospital-acquired pressure injuries?

Visit rfhealth.com/pressure-injuries

RF HEALTH

REFERENCES

1. Agency for Healthcare Research and Quality. Pressure Ulcer Prevention. Accessed 2025. https://www.ahrq.gov/patientsafety/settings/hospital/ulcer/index.html
2. Agency for Healthcare Research and Quality. Pressure Ulcer Prevention. Accessed 2025. https://www.ahrq.gov/patientsafety/settings/hospital/ulcer/index.html
3. Agency for Healthcare Research and Quality. Pressure Ulcer Prevention. Accessed 2025. https://www.ahrq.gov/patientsafety/settings/hospital/ulcer/index.html
4. Agency for Healthcare Research and Quality. Pressure Ulcer Prevention. Accessed 2025. https://www.ahrq.gov/patientsafety/settings/hospital/ulcer/index.html
5. Agency for Healthcare Research and Quality. Pressure Ulcer Prevention. Accessed 2025. https://www.ahrq.gov/patientsafety/settings/hospital/ulcer/index.html
6. Agency for Healthcare Research and Quality. Pressure Ulcer Prevention. Accessed 2025. https://www.ahrq.gov/patientsafety/settings/hospital/ulcer/index.html
7. Agency for Healthcare Research and Quality. Pressure Ulcer Prevention. Accessed 2025. https://www.ahrq.gov/patientsafety/settings/hospital/ulcer/index.html
8. Agency for Healthcare Research and Quality. Pressure Ulcer Prevention. Accessed 2025. https://www.ahrq.gov/patientsafety/settings/hospital/ulcer/index.html
9. Agency for Healthcare Research and Quality. Pressure Ulcer Prevention. Accessed 2025. https://www.ahrq.gov/patientsafety/settings/hospital/ulcer/index.html
10. Agency for Healthcare Research and Quality. Pressure Ulcer Prevention. Accessed 2025. https://www.ahrq.gov/patientsafety/settings/hospital/ulcer/index.html
11. Agency for Healthcare Research and Quality. Pressure Ulcer Prevention. Accessed 2025. https://www.ahrq.gov/patientsafety/settings/hospital/ulcer/index.html
12. Agency for Healthcare Research and Quality. Pressure Ulcer Prevention. Accessed 2025. https://www.ahrq.gov/patientsafety/settings/hospital/ulcer/index.html
13. Agency for Healthcare Research and Quality. Pressure Ulcer Prevention. Accessed 2025. https://www.ahrq.gov/patientsafety/settings/hospital/ulcer/index.html
14. Agency for Healthcare Research and Quality. Pressure Ulcer Prevention. Accessed 2025. https://www.ahrq.gov/patientsafety/settings/hospital/ulcer/index.html
15. Agency for Healthcare Research and Quality. Pressure Ulcer Prevention. Accessed 2025. https://www.ahrq.gov/patientsafety/settings/hospital/ulcer/index.html
16. Agency for Healthcare Research and Quality. Pressure Ulcer Prevention. Accessed 2025. https://www.ahrq.gov/patientsafety/settings/hospital/ulcer/index.html
17. Agency for Healthcare Research and Quality. Pressure Ulcer Prevention. Accessed 2025. https://www.ahrq.gov/patientsafety/settings/hospital/ulcer/index.html

PMA-1-RF-HEALTH-PRESSURE-INJURY-CRISIS-BY-THE-NUMBERS-V1.0 © 2025 RF Healthcare Holdings