

Extending Wound Care Clinician-Led Education Through an AI-Enhanced HAPI-FAQ Library

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INTRODUCTION

Each year, ~2.5 million patients develop pressure ulcers/injuries (PUs/PIs), resulting in ~60,000 deaths and ~\$11 billion in treatment costs. The Centers for Medicare & Medicaid Services (CMS) lists PUs/PIs among 14 hospital-acquired conditions. While hospitals already face payment reductions for Stage 3-4 PUs/PIs, CMS recently added Stage 2 PUs/PIs as reportable “harms” with mandatory reporting starting in 2027. Despite established prevention guidelines and bundles, avoidable hospital-acquired pressure injuries (HAPIs) persist.

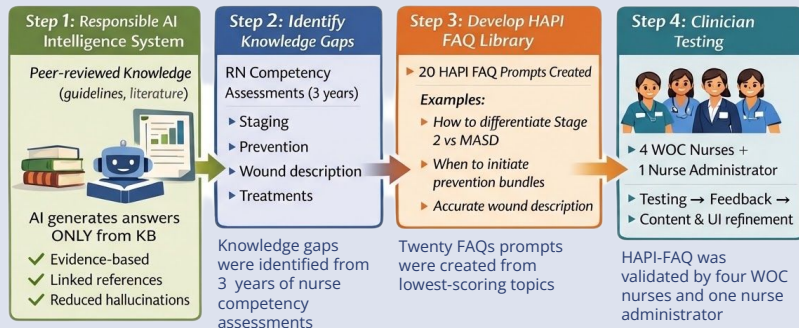
To enhance wound care clinician-led education and ensure continuous evidence-based support for staff nurses, we aimed to develop a HAPI Frequently Asked Questions (HAPI-FAQ) library - a curated, reliable resource integrated within a clinical decision-support platform.

**FOR MORE ABOUT
HAPI PREVENTION and
AI-POWERED CLINICAL
DECISION SUPPORT:**

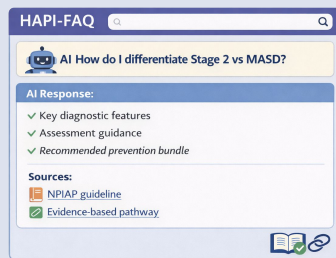


METHOD

HAPI-FAQ uses a responsible AI clinical intelligence system that generates answers only from a peer-reviewed knowledge base with references, reducing hallucinations.



RESULTS



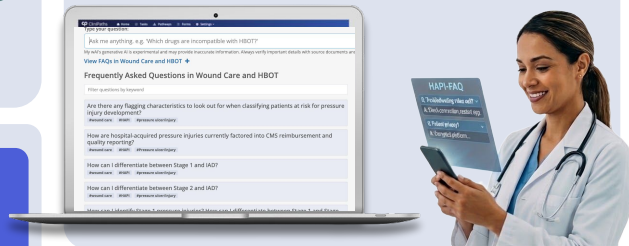
Among HAPI-FAQ evaluators (4 WOC nurses and 1 nurse administrator):

- 75% rated usability as 5/5 (“very easy to access/use”).
- 100% rated answer accuracy as 5/5 (“highly accurate”).
- 100% anticipated using the tool 1-3 times/week and estimated staff nurses might use it 4-8 times/week.
- 100% rated the likelihood of recommending it to colleagues as 5/5 (“very likely”).

CONCLUSIONS

An AI-enhanced, evidence-based HAPI-FAQ library was successfully developed, offering reliable, referenced guidance to support clinicians in educating staff and improving bedside decision-making.

This tool has the potential to strengthen consistency in assessment and documentation of PUs/PIs while helping healthcare facilities align with evolving regulatory and quality-reporting expectations.



REFERENCES

1. Agency for Healthcare Research and Quality (AHRQ). Are We Ready for This Change? Accessed March 8, 2026.
2. Centers for Medicare & Medicaid Services. Final 2025 Inpatient Prospective Payment System (IPPS) Rule. Published August 28, 2024. Accessed March 8, 2026.
3. Hospital Harm – Pressure Injury. eCQI Resource Center. Accessed March 8, 2026.