

Bridging the Knowledge Gap: Nurses and Medical Device-Related Pressure Injuries (MDRPI)

STUDY INSIGHTS & RISK PREDICTORS



Moderate Knowledge Levels Found

Preliminary results indicate that nursing knowledge regarding MDRPI risk factors is only moderate.

Prior Education is the Strongest Predictor

Regression analysis confirms that previous training is the most significant factor in higher knowledge.



Clinical Unit Experience Device Use

Knowledge Varies by Clinical Context

Scores significantly differ based on clinical unit, years of experience, and device use frequency.

STRATEGIC IMPLICATIONS FOR PRACTICE



Implement Structured Education

Integrate MDRPI modules into new hire orientations and regular in-service training sessions.



Update Clinical Guidelines

Update standard nursing care plans to make MDRPI risk assessments mandatory.



Deploy Visual Bedside Guides

Use posters and pocket cards to identify device-related pressure points at the bedside.



Methodology Overview

	Sample Size: 284 Nurses
	Setting: Palliative, Intensive Care, Internal Medicine, and Surgical Clinics
	Framework: NPUAP/EPUAP 2014 Guidelines