

Compose

Inbox

Starred

Snoozed

Sent

Drafts

More

Labels

Andrew Matre

Briefs- Drylock

Ed Yenni

Mirac

NASA

Press Release

Quantum Ink

Spiro



Reducing Incontinence-Associated Skin Breakdown in Skilled Nursing Facilities: Evaluating the Impact of BioLink Systems Incontinence Brief Technology

December 17, 2024

Abstract

Background: Incontinence-associated dermatitis (IAD) and skin breakdown wounds are prevalent among residents in skilled nursing facilities, particularly those who are dually incontinent and use adult briefs. Prolonged exposure to urine and feces contributes significantly to skin breakdown.

Objective: This study evaluates the effectiveness of BioLink Systems incontinence technology in reducing the incidence of incontinence-related skin breakdown among nursing home residents.

Methods: A retrospective analysis was conducted over a two-month period, reviewing medical records of incontinent residents in skilled nursing facilities. The prevalence of skin breakdown was compared between residents using BioLink technology and those who were not.

Results: Among residents not utilizing BioLink technology, 16.6% developed incontinence-related skin breakdown within the two-month study period, whereas 0% of residents using BioLink technology experienced such issues.

Conclusion: Findings indicate that implementing BioLink incontinence technology significantly reduces the prevalence of incontinence-related skin breakdown, including dermatitis and wounds, in skilled nursing facility residents.

Introduction

Background

Incontinence-associated dermatitis (IAD) and skin breakdown wounds are common conditions in nursing homes, affecting residents with urinary and/or fecal incontinence. Studies have reported IAD and wound prevalence rates ranging from 5.6% to 50%, depending on the population and setting ([Medline](#)). Prolonged exposure to urine and feces leads to skin maceration, increasing the risk of skin breakdown and pressure injuries ([SpringerLink](#)).

Residents who are dually incontinent and wear adult briefs are particularly susceptible to IAD and wounds due to the continuous exposure to irritants. Effective management of incontinence is crucial in preventing skin breakdown and maintaining skin integrity.

Purpose of Study

This study examines the prevalence of incontinence-related skin breakdown over a two-month period in skilled nursing facilities and evaluates the effectiveness of BioLink incontinence technology in reducing the incidence of such conditions among incontinent residents.

Methods