

West Coast VA Facility

INCONTINENCE CARE AND SKIN HEALTH IMPROVEMENT PROJECT



Introduction

In October 2018, a large West Cost VA facility agreed to trial the Tranquility® Premium superabsorbent underwear, briefs and underpads. The facility was looking to improve their clinical outcomes in the areas of skin health (IAD), odor reduction, leakage/containment (urine & feces), sleep patterns and staff labor. The wound care nurse at the facility did research on different products and hypothesized that their current incontinence products could be improved, which could therefore improve overall patient care including skin health.

Trial Protocol



30-day Trial



17 Staff/Caregiver Survey



3 Units



~ 24 Patients

INDUSTRY STATISTICS ON PATIENT CARE

Prevalence of IAD¹

- 42% of hospitalized adults
- 83% of incontinent patients in ICUs
- 41% of residents in LTC facilities

Effects of lack of sleep²

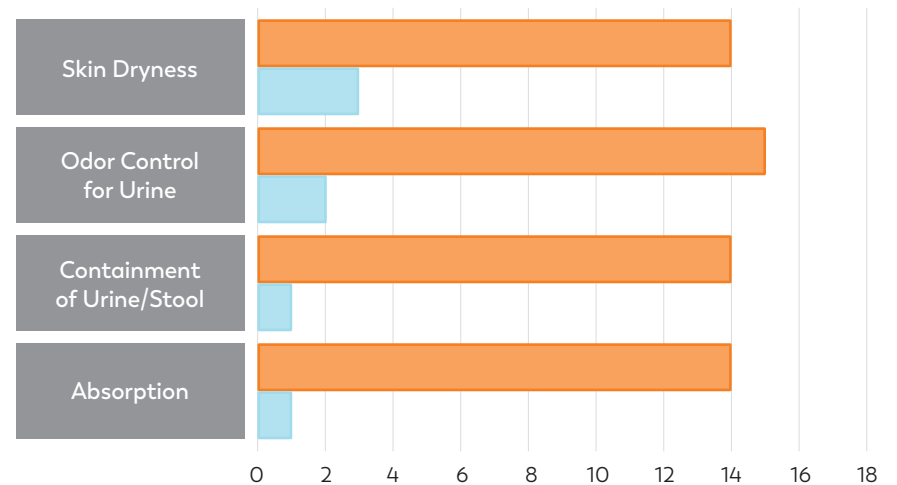
- 4X as likely to suffer from lack of concentration
- 3X more likely to be depressed
- 2.6X more likely to commit suicide

Current staff turnover rate in the VA is ~10%³

Staff Survey Results

Based on a 30-day trial, 17 VA facility staff were surveyed on the performance of Tranquility Incontinence Briefs in comparison to the current brand of incontinence briefs used by the facility.

Tranquility Performance: ■ Very Good/Excellent ■ Satisfactory ■ No Difference



Overall Trial Results

REDUCTION OF STAFF BURDEN:



Fewer clothing and linen changes



Fewer patient brief changes

IMPROVED PATIENTS' QUALITY OF LIFE:



Patients improved sleep/slept longer

Trial Conclusion

This 30-day trial demonstrates that **Tranquility superabsorbent products could improve overall patient care and staff experience** in several areas:

- Odor was greatly reduced and, in most cases, eliminated.
- Linen changes due to leakage were minimized.
- Brief/product changes decreased.

For details on these product trials, contact our clinician, **Linsee Nungester, LPN**, at **1-800-467-3224 x363** or **lnungester@pbenet.com**

¹ Ermer-Seltun, J. (2011). Practical Prevention and Treatment of Incontinence-Associated Dermatitis — a Risk Factor for Pressure Ulcers. *Ostomy Wound Management*.
² <https://www.sleepassociation.org/about-sleep/how-important-is-sleep/>
³ <https://www.va.gov/opa/pressrel/includes/viewPDF.cfm?id=5104>

® Tranquility is a registered trademark of Principle Business Enterprises, Inc. | © Copyright 2024 | 5TQB-046-SL24
Principle Business Enterprises, Inc. • P.O. Box 129 • Dunbridge, OH 43414 • PH: 419-352-1551 FX: 419-352-8340
Information provided by West Coast VA Facility staff. Permission granted for publication by Principle Business Enterprises, Inc.

Tranquility® Products



Tranquility products promote skin health by keeping fluid locked away no matter how much pressure is applied to the product when your patient is sleeping, sitting or on-the-move. Our superabsorbent technology allows for extended wear time, letting your patients sleep soundly and socialize without fear of an accident, all while preventing unnecessary bed strips and clothing changes. We have the products, programs and

knowledge to support your facility in acquiring the excellent clinical outcomes you desire.

Tranquility products are clinically proven to ensure:

- ✓ **Advanced Leakage Control**
- ✓ **Odor and Urine Neutralization**
- ✓ **Dry Healthy Skin Environment**
- ✓ **Inhibition of Bacterial Growth**

Superabsorbent Products Can Complement Your Infection Control Efforts



- 1. Extended wear times and protection from leakage** minimizes preventable close contact between patients and caregivers to reduce the spread of illness.



- 2. Superior moisture wicking reduces the risk of incontinence-related medical issues** (such as skin breakdown and UTIs), helping to keep patients out of hospitals and lessen their risk of increased exposure.



- 3. Maximum absorbency products keep patients comfortable and dry**, leading to a better night of sleep, which helps to boost the immune system and overall health.

Products to Help Improve the Quality of Life for Residents and Caregivers



Tranquility® Premium OverNight™ Pull-on Disposable Underwear

MAXIMUM PROTECTION

- Available in sizes XS – 3XL
- Worn like regular underwear to maintain normal toileting patterns



Tranquility® SmartCore® Tape-tab Disposable Brief

MAXIMUM PROTECTION

- Available in sizes S – 2XL
- Accommodates individuals with limited mobility or in need of care assistance



Tranquility® AIR-Plus™ Breathable Underpad

MAXIMUM PROTECTION

- Available in size 30" x 36"
- Thin, soft pad helps protect bedding, furniture and equipment



Tranquility® AIR-Plus™ Bariatric Tape-tab Disposable Brief

MAXIMUM PROTECTION

- Available in size 4-5XL
- 100% breathable, stretchy side panels comfortably fit waist/hip sizes 70" to 108"



About Principle Business Enterprises

Principle Business Enterprises (PBE), Inc. manufactures high-performance absorbent products and footwear safety solutions with applications in healthcare, industrial processing and at-home use. PBE is a family-owned business with two locations in Northwest Ohio. Founded in 1961, PBE has maintained a mission to be a principle-centered business that uplifts the lives of those it serves through developing an exceptional workplace environment for its Associates and innovating products that improve the quality of life for its Customers.