

*in market share by both units sold and dollars spent, based on data from GHX covering the 4 quarters reported (Q1'17-Q4'17), wherein Healthcare is defined as Home Healthcare and Long Term Care combined and protective hygiene is defined as absorbent products for the management of incontinence in adults.



RISK FACTORS ASSOCIATED WITH INCONTINENCE & INCONTINENCE ASSOCIATED DERMATITIS (IAD)

INCONTINENCE IN THE U.S.



n/2013/06/10/n

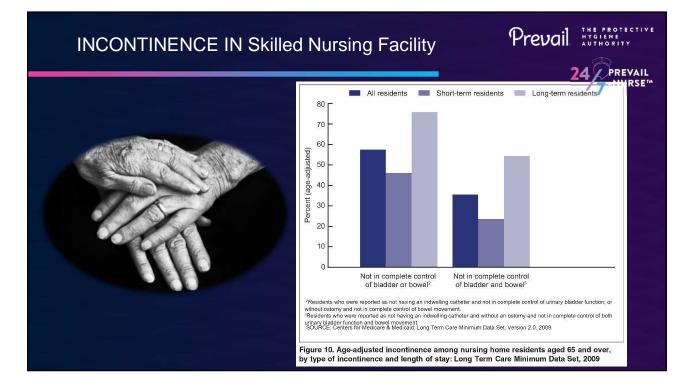
- Estimated 25 million Americans
- One of the 10 leading diagnoses among homebound Seniors

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- One of the top reasons for nursing home admission
- Need for toileting and/or urgency increases the risk of falls by 26%, fractures by 34%

NAFC.org
 AMDA Clinical Practice Guidelines 2012
 Senior Living: http://alinthenews.word



IMPACT OF SKIN ALTERATION

- Quality of Life-• Isolation, depression
- Pain management
 - IAD and Pressure ulcers can be very painful
- Limited mobility
 - Decline in function
 - Created dependence
- Cascade of health issues
 - Secondary Infections
 - Additional skin breakdown •



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INCONTINENCE ASSOCIATED DERMATITIS:



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"Skin damage associated with exposure to urine or stool that causes considerable discomfort and can be difficult, time consuming and expensive to treat"

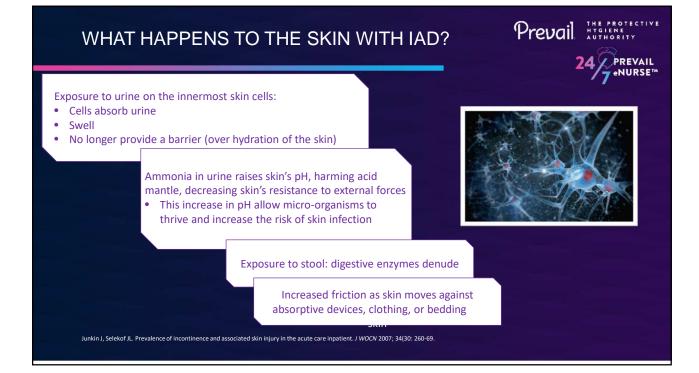
Also referred to as:

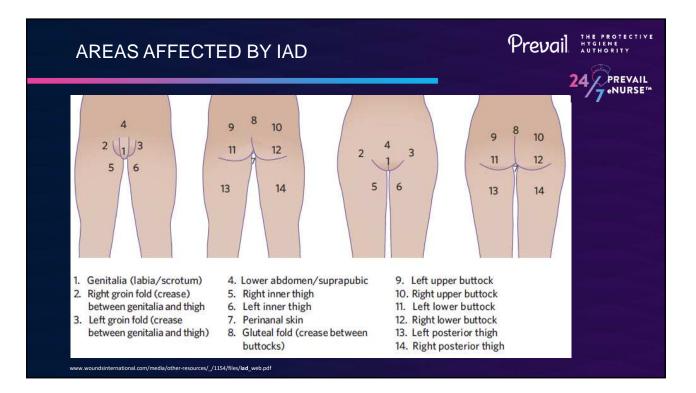
- Diaper dermatitis
- Irritant dermatitis
- Moisture lesions

an, et al, Proceedings of the Global IAD Expert Panel, 2015 www.woundsinternational.c

- Perineal dermatitis
- Perineal rash

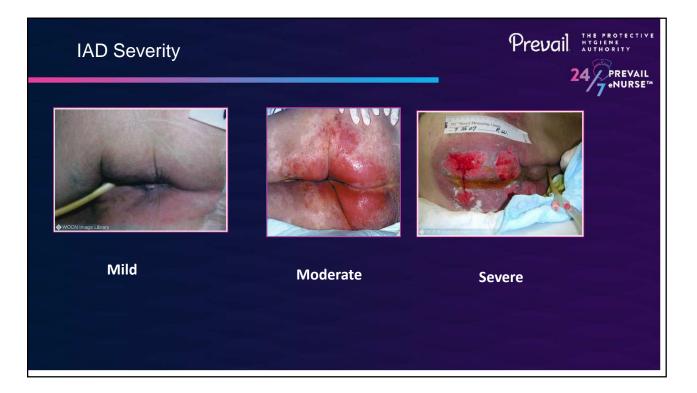










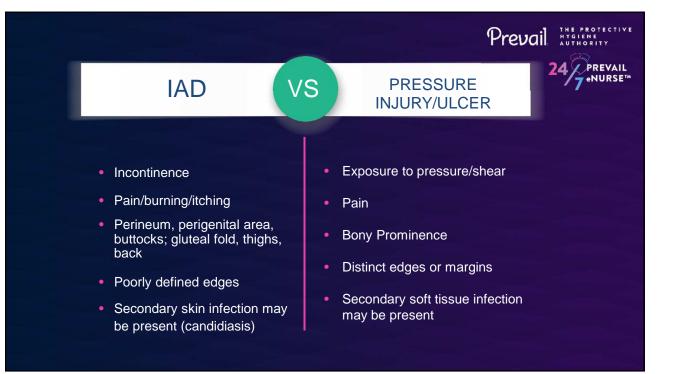


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IAD & PRESSURE INJURY

- Can be difficult to diagnosis IAD
- Stage 1 or 2 P. I. sometimes misdiagnosed as IAD
- No true assessment instrument specific for IAD
- Contact dermatitis, infections, perspiration do mimic
- IAD adds additional risk to pressure injury



Beeckman D et al. Proceedings of the Global IAD Expert panel Wounds International 2015

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Prevail THE PROTECTIVE **MDS SECTION M - US** M1040. Other Ulcers, Wounds and Skin Problems ↓ Check all that apply Foot Problems A. Infection of the foot (e.g., cellulitis, purulent drainage) B. Diabetic foot ulcer(s) C. Other open lesion(s) on the foot **Other Problems** D. Open lesion(s) other than ulcers, rashes, cuts (e.g., cancer lesion) E. Surgical wound(s) F. Burn(s) (second or third degree) G. Skin tear(s) H. Moisture Associated Skin Damage (MASD) (e.g., incontinence-associated dermatitis [IAD], perspiration, drainage) None of the Above Z. None of the above were present

COST ASSOCIATED WITH IAD

•IAD is associated with direct costs

•Provider visits, Home Health visits, Hospital/SNF stays •Equipment/supplies

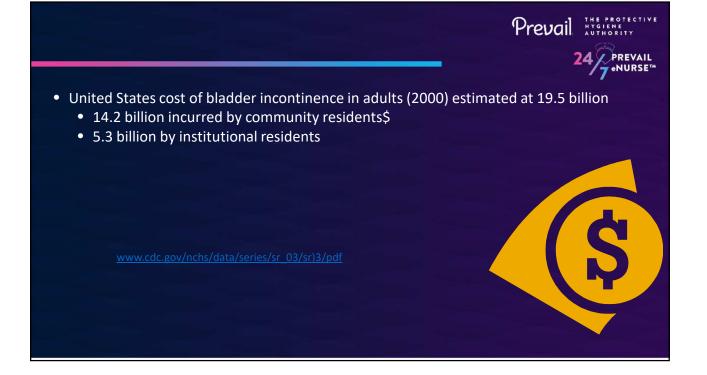
•Complications:

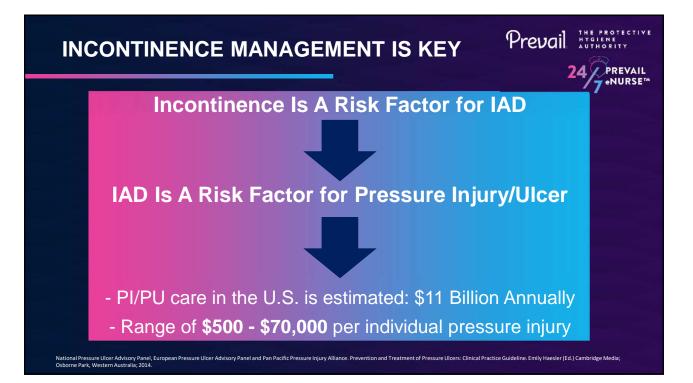
Pressure injury
Secondary infections
Increased length of hospital stay or re-hospitalization
Additional resources (appointments, wound consultant) ⁽¹⁾

·Skin conditions associated with Incontinence

•136 million additional costs ⁽²⁾ •Difficult to isolate just IAD

1. Obst GYN 2001 Sep;98(3):398-406. Annual direct cost of urinary incontinence. Wilson, Brown JS, Shin GP, Luc KO, Subak, LL. 2. Doughty D, Junkin J, Kurz P et al. Incontinence-associated dermatitis. Consensus statements, evidence-based guidelines for prevention and treatment, current challenges. J WOCN 2012; 39(3): 303-15.





PREVENTION AND TREATMENT



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- Prevention is key with Incontinence Associated Dermatitis
 - Skin Inspections during routine care by caregivers
 - Proper Perineal Care after each episode or excess moisture
- Addition of anti-fungal products, steroidal based topical anti-inflammatory products, and topical antibiotics recommended only in specific situations
- Use of absorptive or containment products and/or indwelling devices recommended in specific situations to support prevention and treatment IAD

The National Pressure Ulcer Advisory Panel (NPUAP), April 2016 npuap.org

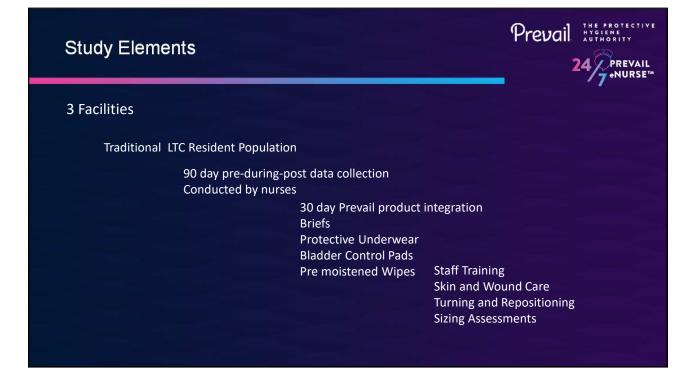


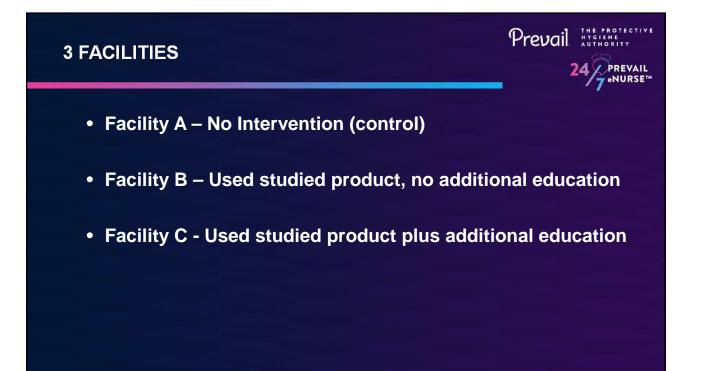
PURPOSE OF STUDY

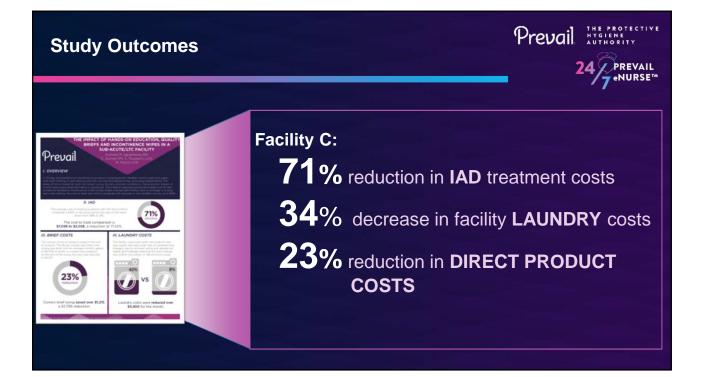


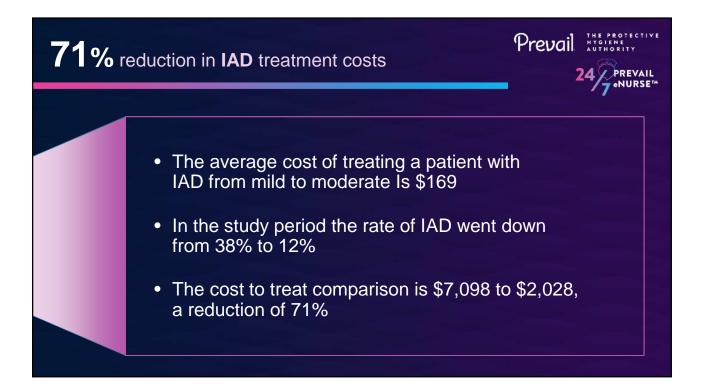
"Do quality incontinence products along with education affect clinical and operational outcomes?"

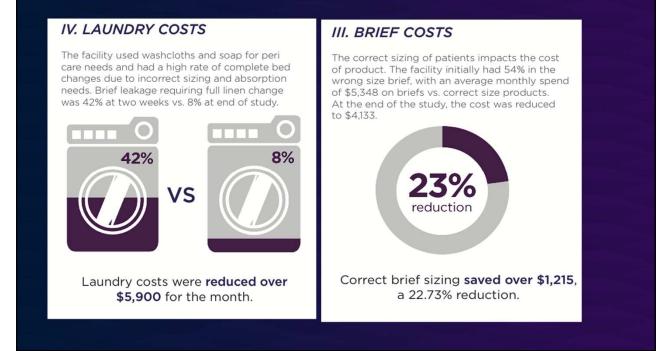
- Incontinence Associated Dermatitis
- Incontinent Product costs
- Laundry costs











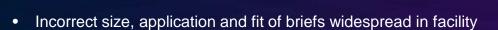




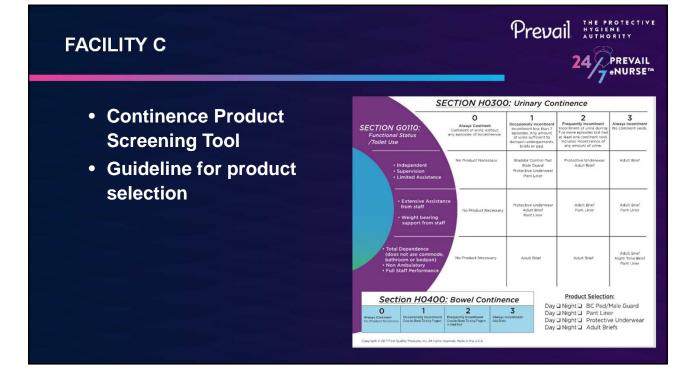
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Education implemented in Facility C



- The negative outcome of this was discussed with staff.
- Correct sizing, action of polymer, the added work they were making for themselves, and the financial impact.
- Proper turning and positioning, cleansing properly using moistened wipes.
- Skin health and preventative measures
- Cloth Underpads utilization and alternatives



HAVING AN EFFECTIVE INCONTINENCE MANAGEMENT PROGRAM

KEY COMPONENTS FOR INCONTINENCE MANAGEMENT PROGRAM

- Products Are One Component
- Clear policy & guidelines
- Engaged Clinical presence
- Multi Staff Approach
- Individualized Resident Centered
- Ongoing Education
- Peri Care procedure

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CLEANSE

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DO:

- Use gentle technique with minimal friction—avoid rubbing
- Gentle no-rinse liquid skin cleanser or pre-moistened wipe (designed and indicated for incontinence care)
- Gently dry skin if needed after cleansing

DON'T:

- Cleanse- soap & water/washcloth not recommended
- Soap is alkaline and changes the pH of the skin, damaging the skin barrier function Washcloths are a rough/nubby material that can
- cause skin damage on fragile skin with the friction/rubbing
- Infection control issues- wash basins





HEAVY BLADDER LEAKAGE

Reflex, Overflow & Functional Incontinence

Reflex Incontinence

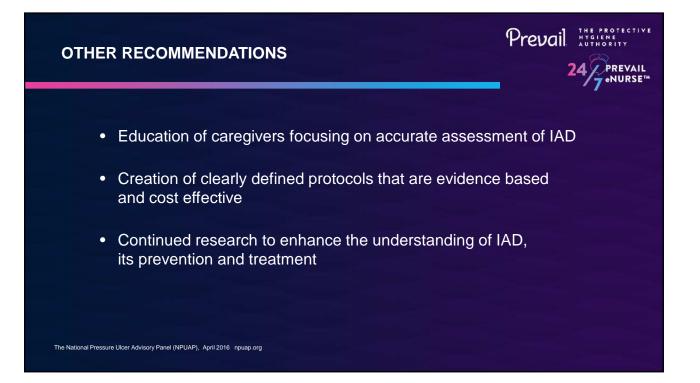
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- Urine loss with no warning or urge
 - Cannot tell the need to go
 - **Overflow Incontinence**
 - Full bladder and it feels like it's never empty
 - Often constant dribbling of urine
 - Frequency and urgency of urination increase

Functional Incontinence

occurs when the urinary system may work well, but factors outside the urinary tract, such as immobility or cognitive impairment, can prevent a person from getting to a bathroom in time





GETTING HELP FOR INCONTINENCE

Use Your Resources:

- CWS or other wound specialist to consult
- Manufacturer support clinically
- Dietitian to review diet, fluids, effect on bowel/bladder
- Restorative nursing to evaluate for toileting program
- Therapy to evaluate function, strength, toileting ability
- Physician or NP involvement
- Web resources: <u>www.npuap.org</u>



Prevail AUTHORITY

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