

Cream Team: Reeducation of skin care products

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Cream Team: Reeducation of Skin Care Products

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Background & Significance

- A pressure ulcer is any lesion caused by pressure resulting in damage of underlying tissue.¹
- At least 3 million adults in the US are reported to have pressure ulcers yearly.¹
- Nosocomial pressure ulcers in hospitals are one indicator for quality of care. The key to successful outcomes is early assessment and interventions to prevent or reduce their incidence.
 - Skin breakdown complications can be found upon assessment in the emergency department
 - Any form of skin breakdown can lead to unfavorable patient outcomes, increased length of stay, and increased hospital costs

Current Practice at LVHN

- Patients skin should be assessed, at minimum, for admission.
- If patient is found to have skin breakdown steps should be taken to alleviate pressure, and prevent further damage
 - Use of barrier creams
 - Assess environmental, social, psychosocial circumstances
 - Collaborate with interdisciplinary resources to develop a plan or set of skin care goals

Process & Implementation

Quiz

Pre-quiz to assess Registered Nurses (RN) and Tech Partners (TP) knowledge and use of skin barrier creams followed by employee education about current LVHN practice and products. Employees were then quizzed a second time on the knowledge of skin care and creams.

Patient Safety Report (PSR)

Patient safety reports were one way to measure if RNs and TPs increased their assessments after education. An increase in PSR would indicate an increase in pressure ulcers caught in the Emergency Department (ED).

Stocking Par

Stocking par was monitored for increased use of skin products compared to period before education was implemented.

Evidence

PICO QUESTION

- Will the reeducation and implementation of skin creams increase the knowledge of nurses, increase the use of SAGE products, and increase the number of PSRs
- P Emergency department RNs and TPs
 I Reeducation on skin care products
 C Not using cream; lack of use of SAGE; PSR data
 O Increased use of sage products; increased PSR; increased knowledge via data analysis

Pre-Survey: Baseline Knowledge Assessment

| | Yes | No |
|--|------|-----|
| Do you know what skin products are? | 100% | 0% |
| Do you use skin products? | 86% | 14% |
| Do you know where to find skin products? | 93% | 7% |

Post-Survey: Knowledge Assessment

| | Yes | No |
|--|------|----|
| Do you know what skin products are? | 100% | 0% |
| Do you use skin products? | 98% | 2% |
| Do you know where to find skin products? | 100% | 0% |

Results

PSRs

- Jan 2014 - Dec 2014: 683
- Jan 2015 – Dec 2015: 704

Stocking

- Insufficient data to support or refute research

Quizzes

- Frequency of Use
 - Pre: 86% <3/wk, 10% <7/wk, 10% >10/wk
 - Post: 34% <3/wk, 45% <7/wk, 22% >10/wk
- Variety
 - Pre: 93% aware
 - Post: 100% aware

Dissemination

- PSR data indicates that skin assessment and awareness is improving, thus continued education is recommended
- Quiz data
 - Continued education through the use of multiple modalities
 - Quiz results showed the diversity in learning preferences of RN/TPs

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