

## Cream Team: Reeducation of skin care products

Sara A. Greig BSN, RN

Lehigh Valley Health Network, sara\_a.greig@lvhn.org

Kristen A. Keane BSN, RN

Lehigh Valley Health Network, kristen\_a.keane@lvhn.org

Brigid E. McNamara BSN, RN

Lehigh Valley Health Network, brigid\_e.mcnamara@lvhn.org

Andrea Tasselmyer BSN, RN

Lehigh Valley Health Network, adrea.tasselmyer@lvhn.org

Follow this and additional works at: <https://scholarlyworks.lvhn.org/patient-care-services-nursing>



Part of the [Nursing Commons](#)

## Let us know how access to this document benefits you

---

### Published In/Presented At

Greig, S., Keane, K., McNamara, B., & Tasselmyer, A. (2016, February 9). *Cream Team: Reeducation of skin care products*. Poster presented at LVHN Vizient/AACN Nurse Residency Program Graduation, Lehigh Valley Health Network, Allentown, PA.

This Poster is brought to you for free and open access by LVHN Scholarly Works. It has been accepted for inclusion in LVHN Scholarly Works by an authorized administrator. For more information, please contact [LibraryServices@lvhn.org](mailto:LibraryServices@lvhn.org).

# Cream Team: Reeducation of Skin Care Products

Sara Greig, BSN, RN; Kristen Kean, BSN, RN; Brigid McNamara BSN, RN; Adrea Tasselmeyer BSN, RN

Lehigh Valley Health Network, Allentown, Pennsylvania

## Background & Significance

- A pressure ulcer is any lesion caused by pressure resulting in damage of underlying tissue.<sup>1</sup>
- At least 3 million adults in the US are reported to have pressure ulcers yearly.<sup>1</sup>
- 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

### REFERENCES

- 1 Cole, L., and Nesbitt, C. (2004). A three year multiphase pressure ulcer prevalence/incidence study in a regional referral hospital. *Ostomy Wound Management*, 50(11), 32-40.
- 2 Holroyd, S. (2015). Incontinence-associated dermatitis: identification, prevention and care. *British Journal of Nursing*, 24, S37-43. doi: <http://dx.doi.org/10.12968/bjon.2015.24.Sup9.S37>
- 3 Howe, L. (2008). Education and empowerment of the nursing assistant: validating their important role in skin care and pressure ulcer prevention, and demonstrating productivity enhancement and cost savings. *Advances in Skin & Wound Care*, 21(6), 275-281. doi:10.1097/01.ASW.0000323505.45531.92
- 4 Hunter, S., Anderson, J., et al. (2003). Clinical trial of a prevention and treatment protocol for skin breakdown in two nursing homes. *Wound Ostomy Continence Nurse*, 8(30), 350.
- 5 Moore, Z. E., and Webster, J. (2015). Dressings and topical agents for preventing pressure ulcers. *Cochrane Database of Systematic Reviews* 2013, 8. doi: 10.1002/14651858.CD009362.pub2.
- 6 Stephen-Haynes, J. (2013). The role of barrier protection in pressure ulcer prevention. *British Journal of Nursing*. Retrieved from <http://www.aspenmedicaleurope.com/wp-content/uploads/2013/10/BJN-Nov-2013-JSH-Pressure-ulcer-prevention-Sorbadern.pdf>

© 2014 Lehigh Valley Health Network

A PASSION FOR BETTER MEDICINE™



610-402-CARE LVHN.org