

+ Evidence in focus

Poster summary: Austin M. SAWC Fall (2019)*

ALLEVYN[◇] LIFE Foam Dressings helped to reduce the incidence of medical device related pressure injuries (MDRPI) as part of a prevention bundle

+ Plus points

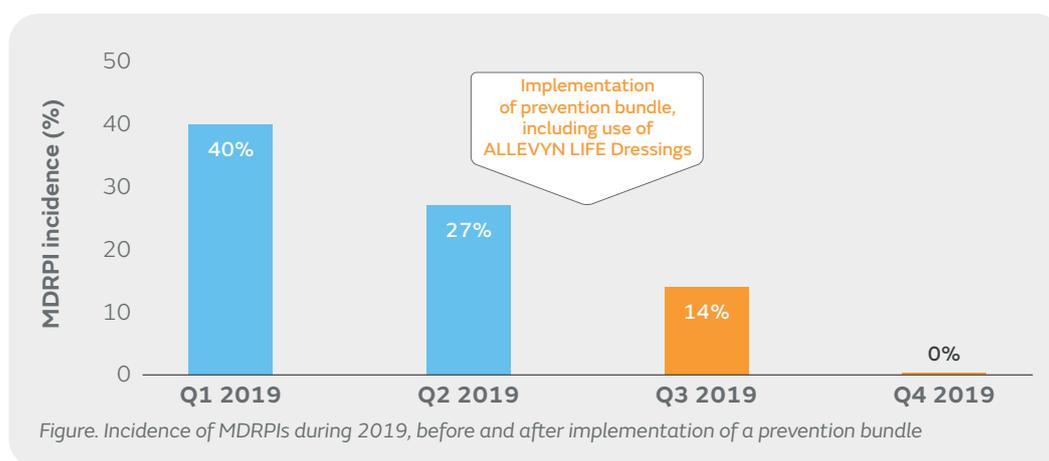


Overview

- A quality improvement project, including an MDRPI prevention bundle, in response to increased MDRPIs at six US hospitals (Cone Health, North Carolina)
- MDRPI incidence increased from 21.6% in 2018 to an average of 35.0% in the first two quarters of 2019
- Guidance was provided on use of ALLEVYN LIFE Dressings as part of the bundle
- Initiatives included:
 - Interventions specific to common medical devices, such as use of ALLEVYN LIFE Dressings under medical devices, periodic assessment and repositioning, and application of skin barrier film on otherwise exposed areas
 - Expansion of a multidisciplinary approach for implementation
 - Adoption of the bundle in all hospital settings

Results

- After implementation of the prevention bundle, including use of ALLEVYN LIFE Dressings, the incidence of hospital acquired MDRPIs decreased to zero in Q4 2019 (Figure)
 - In financial year 2019, the incidence of MDRPIs was 20%
- The incidence of pressure injuries also decreased after bundle implementation from 2.3% in Q2 to 0.8% in Q4 2019



Conclusions

Implementation of an MDRPI prevention bundle, including guidance for use of ALLEVYN LIFE Dressings with medical devices, helped to reduce MDRPIs incidence to zero across six US hospitals in Q4 2019.

Citation

*Austin M. Implementation of a medical device related pressure injury prevention bundle: a multidisciplinary approach. Poster PI-002 presented at: *Symposium on Advanced Wound Care Fall*. October 12-14, 2019; Las Vegas, USA.

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