**WHAT IS THE EVIDENCE?**

- Two high quality Level I randomized controlled trial (RCT) studies demonstrated significantly lower sacral HAPI incidence in critical care patients treated with prophylactic foam dressings.
  - RCT with 240 critically ill patients had 10 percent decrease in incidence of HAPI with prophylactic sacral dressings.
- Two Level II quasi-experimental studies demonstrated lower incidence of sacral HAPI with use of prophylactic dressings.
  - Quasi-experimental study with 243 patients had a decreased incidence of unit-acquired sacral HAPI.

**WHY USE PROPHYLACTIC DRESSINGS?**

- Critical care patients are at the highest risk of hospital-acquired pressure injuries (HAPI) due to:
  - Prolonged immobility
  - Hemodynamic instability
  - Use of vasopressors
  - Diminished sensation
  - Organ failure
  - Medical devices
- Effective HAPI prevention strategies include:
  - Pressure redistribution surfaces
  - Frequent repositioning
  - Nutritional intervention
  - Moisture management
  - Incontinence management
- Prophylactic silicone foam dressings have been shown to help reduce sacral pressure injuries

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A Did You Know Poster by
Laura Lux, RN, BSN; Brittney Grazio, RN, BSN, Sharon Brackett, RN, BSN; Virginia Capasso, PhD, ANP-BC, ACNS-BC, CWS
PRACTICE QUESTION using the PICO method:

P - Problem/Population: Design answerable question

I - Interventions:

C - Comparisons: Main alternative you are considering

O - Outcomes: Results of what you plan to accomplish, improve, or affect

REFERENCES


SUMMARY/CONCLUSION

Available evidence is limited but demonstrates comparable results from utilization of silicone-coated foam dressings for prevention of sacral HAPI.

Allevyn Life foam dressings are now stocked and should be used to prevent sacral pressure injuries, especially for critical care patients.