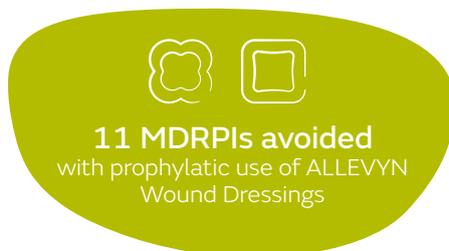
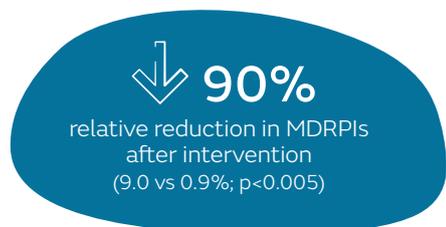


## Use of ALLEVYN<sup>®</sup> Wound Dressings, as part of a prevention protocol for COVID-19 patients in the intensive care unit (ICU), helped to reduce medical-device-related pressure injuries (MDRPIs) and avoid costs

McFee K. Implementation of medical-device related pressure injury prevention protocols: Prophylactic foam dressing packets for prone Covid-19 patients in the ICU. Poster presented at: the National Pressure Injury Advisory Panel Annual Conference; 17–18 March 2022; Florida, USA.

### Key points

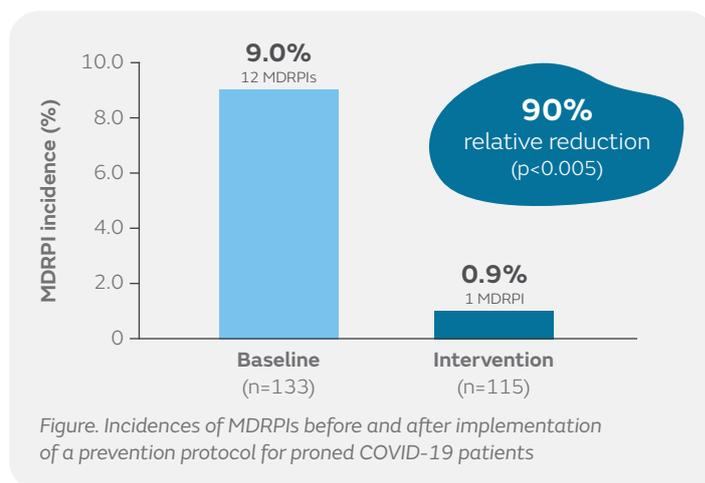


### Overview

- Evaluation of an MDRPI prevention program for COVID-19-positive patients who were admitted to an ICU (n=248)
- Prophylactic foam dressing packets (including 1 pack of skin preparation) were used for all patients who required prone positioning
  - Facial kit: ALLEVYN GENTLE BORDER LITE Foam Dressing (1 dressing each for chin, nose/cheeks, forehead)
  - Anterior kit (small or large sacrum options): ALLEVYN LIFE Foam Dressing (2 large quadrilobe dressings each for shoulders, hips and knees; 2 heel dressings; 1 sacral dressing)
- Incidence of MDRPIs during the intervention period (August to November 2021) was compared with the same period in 2020
- Nurses were educated on the use and benefits of prophylactic dressings
- Dressing packets were stored in a convenient location to increase compliance
- Cost impact was estimated based on an unreimbursed cost of \$32,292 per MDRPI

### Results

- During the intervention period, ALLEVYN Wound Dressings were used for 115 COVID-positive patients
- One patient developed a facial MDRPI with use of ALLEVYN Wound Dressings compared with 12 of 133 patients during the baseline period (90% relative reduction; Figure)
- A total of 11 MDRPIs was avoided, resulting in an estimated treatment cost avoidance of \$355,212



### Conclusions

Implementation of a prevention protocol using ALLEVYN Wound Dressings for prone COVID-19 patients in the ICU helped to significantly reduce MDRPIs and avoid costs compared with prior practice.

For detailed product information, including indications for use, contraindications, precautions and warnings, please consult the product's applicable Instructions for Use (IFU) prior to use.