

Clinical acceptability, retention and conformability of ALLEVYN[◇] GENTLE BORDER Multisite Foam Dressing versus Mepilex[™] Border dressing on volunteers

Palmer S, Dharma H. An open label, prospective, randomized, comparative, volunteer study to compare the performance of a HYDROCELLULAR[™] Silicone Gel Adhesive Foam dressing with an alternative silicone adhesive dressing. Poster presented at: European Wound Management Association annual meeting; May 23–25, 2012; Vienna, Austria.

Key points

ALLEVYN GENTLE BORDER Multisite Dressing was assessed by nurses as better than Mepilex[™] Border dressing for:

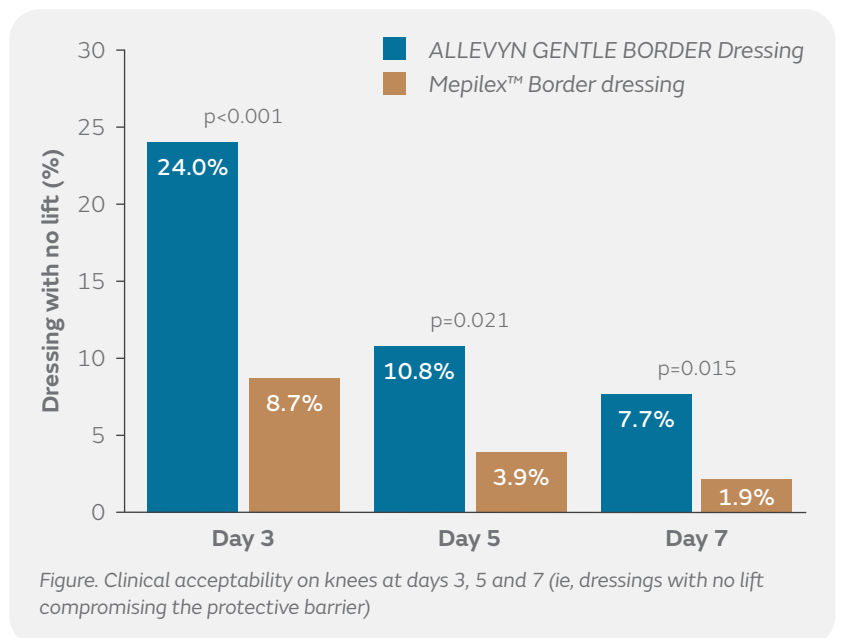


Overview

- An open, prospective, randomised, comparative volunteer study to compare ALLEVYN GENTLE BORDER Multisite Dressing with Mepilex[™] Border dressing (Mölnlycke, Sweden)
- ALLEVYN GENTLE BORDER Multisite Dressing or Mepilex[™] Border dressing were applied to one elbow and one knee
- A total of 106 healthy volunteers were recruited
- Mean age was 40 years and most volunteers were female (70.8%)
- Nurses were asked to assess the dressings for ease of application and ability to conform to skin
- Dressings were assessed at days 3, 5 and 7; they were removed on day 7

Results

- Compared with Mepilex[™] Border dressing there were significant differences in favour of ALLEVYN GENTLE BORDER Multisite Dressing for:
 - Retention on knees at 5 days (54.4 vs 41.7%; p=0.009) and 7 days (45.6 vs 34.0%; p=0.011)
 - Retention on elbows at 7 days (40.6 vs 29.2%; p=0.002)
 - Conformability on knees at 3 days (50.9 vs 30.2%; p=0.008) and 5 days (55.6 vs 33.3%; p=0.046)
 - Conformability on elbows at 5 days (75.7 vs 40.5%; p=0.002) and 7 days (66.7 vs 37.0%; p=0.021)
- ALLEVYN GENTLE BORDER Multisite Dressing had significantly better clinical acceptability on knees than Mepilex[™] Border dressing at all timepoints (Figure)



Conclusions

Clinical acceptability on knees, and dressing retention and conformability on knees and elbows were greater with ALLEVYN GENTLE BORDER Multisite Dressing than with Mepilex[™] Border dressing when applied to healthy volunteers.

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.