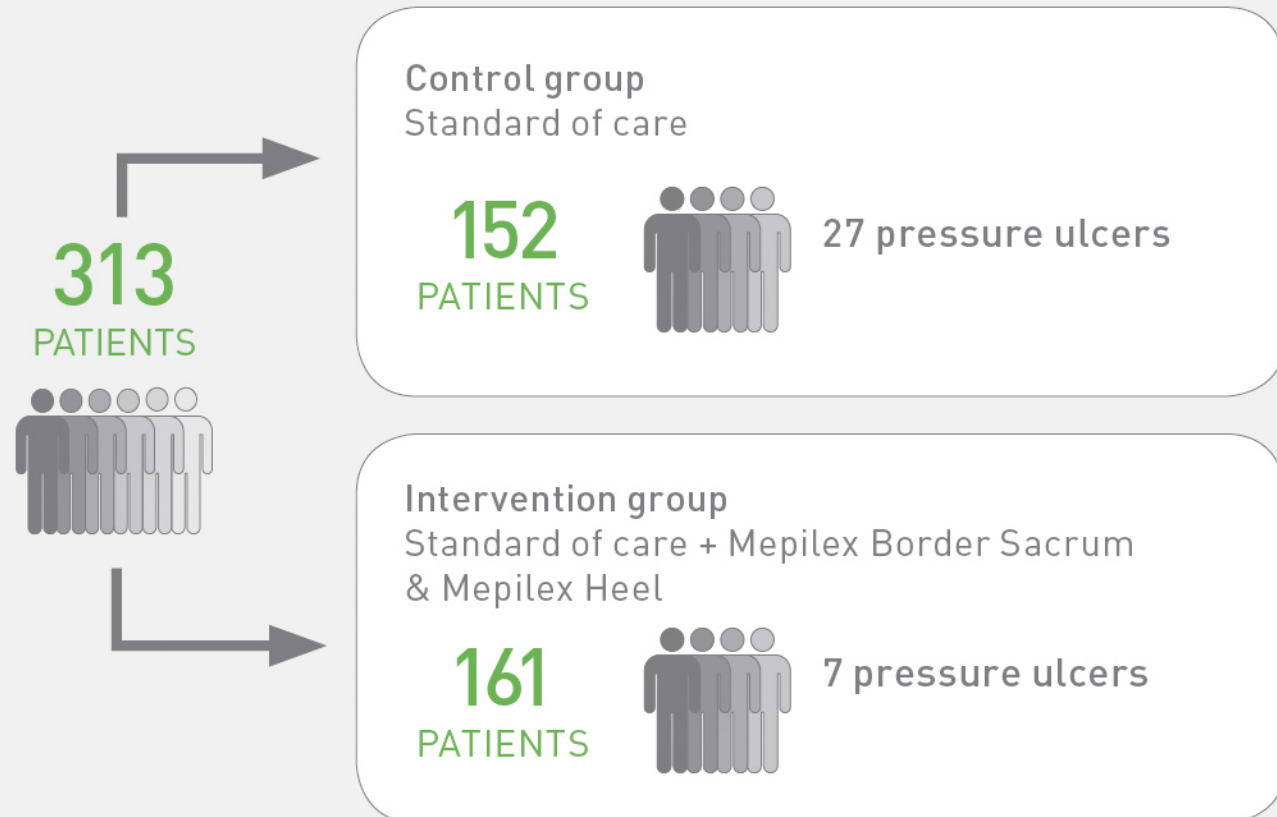


A prospective randomised controlled trial of the effectiveness of multi-layer silicone foam dressings in preventing pressure ulcers

(The Border Trial) Nick Santamaria RN PhD University of Melbourne & Royal Melbourne Hospital et al* 19

An investigation into the effectiveness of multi-layer soft silicone foam dressings in preventing intensive care unit pressure ulcers when applied in the emergency department to trauma and critically ill patients.



Statistically significant results:

$p=.001$

The use of Mepilex Border Sacrum and Mepilex Heel dressings:

Our findings have demonstrated a **statistical and clinically significant benefit** for the application of multi-layered soft silicone foam dressings for the prevention of sacral and heel pressure ulcers.

When used in combination with thorough risk assessment and evidence-based pressure ulcer prevention strategies the intervention resulted in a 76% reduction in pressure ulcer incidence

As a consequence of the findings of this study our hospital has now mandated the use of these dressings for all patients who are at high risk of pressure ulceration.