
Abstract:

Background: Bloodstream Infections (BSI) caused by central venous catheters, including peripherally inserted central catheters, can result in longer patient stays and increased complications. Using methods of best practice is needed to reduce the occurrence of these infection.

Objective: To evaluate both the clinical performance and nursing satisfaction is using the 3M Tegaderm CHG IV Securement Dressing.

Methods: Prospective, controlled, convenience sampling and in a single center, comparing using the 3M Tegaderm CHG IV Securement Dressing® to a regular transparent semi-permeable dressing There were a total of 107 patients in the study sample, and 110 patients in the control sample.

Results: The results of the satisfaction survey for the investigational dressing group compared with the control dressing group reflected significant p-values of the following primary efficacy variable (1-5 Likert scale), Overall performance of dressing (p=0.01995)

Conclusions: The 3M Tegaderm CHG IV Securement Dressing® was easy to apply, able to absorb fluid and mold and conform around the PICC catheters, and rated highly by staff nurses for overall performance of the dressing compared to control dressing.

More information.