



This study examined PIVC practice-related metrics before and after a comprehensive process improvement program, which included a change to closed catheter technology” Platt and Osenkarski (2018).

Abstract:

With most hospitalized patients requiring peripheral intravenous catheters (PIVCs), PIVC-related process improvement may substantially affect the health, safety, and satisfaction of patients and health care workers, in addition to reducing costs. This study examined PIVC practice-related metrics before and after a comprehensive process improvement program, which included a change to closed catheter technology. Data were obtained from observations, clinician interviews, and patient records. Metrics included assessment of risk, especially blood exposure and contamination; measurement of insertion efficiency; and quantification of PIVC failure. A significant improvement in most metrics was achieved after the process improvement program.

You may also be interested in...

The future of peripheral intravenous catheter assessment
How to improve peripheral intravenous catheter insertion success
Ultrasound guided peripheral intravenous access reviewed

Reference:

Platt, V. and Osenkarski, S. (2018) Improving Vascular Access Outcomes and Enhancing Practice. *Journal of Infusion Nursing*. 41(6), p.375-382.

doi: 10.1097/NAN.0000000000000304.

