Analysis of the Sherlock II tip location system for inserting peripherally inserted central catheters (PICC) | 1


Abstract:

Peripherally inserted central catheters (PICCs) are frequently placed at the bedside. The purpose of our study was to evaluate the efficacy of the Sherlock II tip location system (Bard Access Systems, Salt Lake City, UT), which offers electromagnetic detection of the PICC tip to assist the operator in guiding the tip to a desired location. We performed a retrospective review of patients who had a bedside PICC using the Sherlock II tip location system. Three hundred seventy-five of 384 patients (97.7%) had the catheter tip positioned appropriately. Our results suggest that the Sherlock II tip location system is an efficacious system for bedside PICC placement.