



A prospective study compared published outcomes with conventional intravenous (IV) catheters against results using a newly designed IV catheter with a retractable, coiled-tip guidewire” Anderson (2016).

Abstract:

With potential hospital reimbursement centered on patient satisfaction, limiting the number of invasive peripheral venipunctures may increase Press Ganey satisfaction scores. A prospective study compared published outcomes with conventional intravenous (IV) catheters against results using a newly designed IV catheter with a retractable, coiled-tip guidewire. The objectives were to determine whether successful first-attempt and IV complication rates might be altered using the new technology. In a small community hospital-based study of 95 patients, first-attempt success, complications, dwell time, and patient satisfaction results with the new technology scored significantly better, from insertion to removal, than published outcomes with conventional catheters.

Reference:

Anderson, N.R. (2016) Influencing Patient Satisfaction Scores: Prospective One-Arm Study of a Novel Intravenous Catheter System With Retractable Coiled-Tip Guidewire Compared With Published Literature for Conventional Peripheral Intravenous Catheters. *Journal of Infusion Nursing*. 39(4), p.201-209.



Novel intravenous catheter system with retractable coiled-tip
guidewire | 2

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