To compare the patency duration of a peripheral intravenous cannula (PIVC) using either continuous infusion with 5% dextrose or intermittent flushing with 0.9% saline” Stok and Wieringa (2016).

Abstract:

OBJECTIVE: To compare the patency duration of a peripheral intravenous cannula (PIVC) using either continuous infusion with 5% dextrose or intermittent flushing with 0.9% saline.

RESULT: Duration of PIVC patency was similar. However, significantly, more complications occurred in cohort 1 (P=0.02), and both cost and time were significantly lower in cohort 2 (P=0.001).
CONCLUSION: Intermittent flushing and continuous infusion provide a similar duration of PIVC patency; however, intermittent flushing is associated with fewer complications, lower cost and reduced time.

Reference:


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Thank you to our partners for supporting IVTEAM