

When administering intermittent secondary intravenous infusions, commonly referred to as intravenous piggyback (IVPB) infusions, residual medication remains in the administration set and bag”
Thoele et al (2018).

Abstract:

When administering intermittent secondary intravenous infusions, commonly referred to as intravenous piggyback (IVPB) infusions, residual medication remains in the administration set and bag. No previous studies exist examining the optimal technique to infuse the residual medication. The aims of this study were to identify various IVPB ancillary techniques used to administer medication residing in the secondary administration set and bag following an infusion, evaluate the potential drug loss associated with each technique, and recommend a standard ancillary technique for administration of select small-volume IVPB infusions. Qualitative and quantitative tests were performed, leading to a recommendation for a standard ancillary technique for select small-volume IVPB infusions.

Reference:

Thoele, K., Piddoubny, M., Ednalino, R. and Terry, C.L. (2018) Optimizing Drug Delivery of Small-Volume Infusions. *Journal of Infusion Nursing*. 41(2), p.113-117.

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