

The aim of this randomized single-blind study is to compare taste and odor disturbances in patients receiving 0.9% sodium chloride flushes from 2 brands” Hamze et al (2016).

Abstract:

The aim of this randomized single-blind study is to compare taste and odor disturbances in patients receiving 0.9% sodium chloride flushes from 2 brands. Seventy-five patients from 6 to 18 years of age received intravenous 0.9% sodium chloride infusions, and 50 healthy volunteers who tasted the 2 brands of 0.9% sodium chloride from prefilled syringes were assessed for taste and/or odor disturbances.

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Taste or odor disturbances were equally present in patients flushed with MedXL and Becton-Dickinson 0.9% sodium chloride. Disturbances are more frequent when 0.9% sodium chloride is flushed through central venous access devices than through peripheral catheters. No difference between the brands was found when healthy volunteers tasted it orally.

Reference:

Hamze, B., Vaillancourt, R., Sharp, D. and Villarreal, G. (2016) A Comparison of Taste and Odor Perception in Pediatric Patients Receiving a 0.9% Sodium Chloride Flush From 2 Different Brands of Prefilled 0.9% Sodium Chloride Syringes. Journal of Infusion Nursing. 39(1), p.18-24.

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