



Medications administered by the intranasal route have efficacy comparable to intravenous administration and typically have superior efficacy to subcutaneous or intramuscular routes” Tucker et al (2018).

Abstract:

Intranasal drug administration is a less invasive method of drug delivery that is easily accessible for adult and pediatric patients. Medications administered by the intranasal route have efficacy comparable to intravenous administration and typically have superior efficacy to subcutaneous or intramuscular routes. The intranasal route is beneficial in emergent situations when the intravenous route is not available. The intranasal route is safe and effective in various indications, and therapeutic systemic concentrations of medication can be attained via this route. As the evidence for and comfort with intranasal administration continue to grow, guidance on correct technique, medications, and dosing is vital for appropriate use. This article reviews the process and practices of appropriate intranasal medication administration.

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Reference:

Tucker, C., Tucker, L. and Brown, K. (2018) The Intranasal Route as an Alternative Method of Medication Administration. *Critical Care Nurse*. 38(5), p.26-31.

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