

## **This prospective study examined the characteristics of children admitted to a pediatric emergency department and the factors that influenced the successful establishment of peripheral intravenous (IV) access” de Freitas Floriano et al (2018).**

This prospective study examined the characteristics of children admitted to a pediatric emergency department and the factors that influenced the successful establishment of peripheral intravenous (IV) access. Descriptive and correlational analysis was completed using a convenience sample of 89 patients. Peripheral IV access was successful in 95.7% of the children, and the first attempt at insertion was successful in 53% of the procedures. Factors influencing the success of peripheral IV access were the patient’s gender, skin color, presence of difficult-to-see veins, small veins, presence of fever, and a lack of palpable veins.

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Reference:

de Freitas Floriano, C.M., Machado Avelar, A.F. and Sorgini Peterlini, M.A. (2018)  
Difficulties Related to Peripheral Intravenous Access in Children in an Emergency Room  
Journal of Infusion Nursing. 41(1), p.66-72.

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