

**While the majority of research has focused on physician-performed US-PIVs, some studies have evaluated US-PIV insertion by emergency medical technicians and registered nurses (RNs), documenting successful US-PIV insertion rates of 87-97%” Huang et al (2018).**

Abstract:

Ultrasound (US)-guided peripheral IV (US-PIV) placement is a well-established procedure in patients with difficult IV access [1,2]. Ultrasound has proven to improve success rates and decrease complications in patients with difficult IV access due to obesity, IV drug abuse, and chronic illness or hospitalization; it also reduces the need for central venous catheters (CVC) in this population [1-3]. While the majority of research has focused on physician-performed US-PIVs, some studies have evaluated US-PIV insertion by emergency medical technicians and registered nurses (RNs), documenting successful US-PIV insertion rates of 87-97% [1,3,4].

Reference:

Huang, C., Shokoohi, H., Przybylo, J.A., Marill, K.A., Dipre, M.J., Noble, V.E. and Liteplo, A.S. (2018) INSPIRED: Instruction of sonographic placement of IVs by registered nurses in the emergency department. *The American Journal of Emergency Medicine*. April 20th. .

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