Ultrasound-guided IV (USGIV) insertion is a safe and effective procedure to obtain access in DIVA patients; however, at our institution, most residents receive only informal instruction” Amick et al (2018).

Extract:

Establishing venous access in difficult IV access (DIVA) patients is an Accreditation Council for Graduate Medical Education (ACGME) milestone for emergency medicine trainees. Ultrasound-guided IV (USGIV) insertion is a safe and effective procedure to obtain access in DIVA patients; however, at our institution, most residents receive only informal instruction. Simulation-based mastery learning (SBML) is an educational model that engages learners in simulated scenarios and involves deliberate practice until a predetermined standard is achieved. Our objective was to train post-graduate year (PGY) 1 emergency medicine residents using SBML to evaluate skill acquisition and compare these skills to traditionally trained PGY 2-3 emergency medicine residents.

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Reference:


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