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).

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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