



AccuSITE™

Guiding Patient Care.



Providing Clinical Confidence for Central Line Placement

Introducing AccuSITE™, a needle guide designed specifically for guidance during central line placement procedures. Designed with minimizing hospital risks and improving patient well-being in mind, the AccuSITE needle guide increases first-time success rates during catheter placement procedures.

Accurate Placement

- Ensures the needle is directed over the center of the vessel³
- Provides a secure angle of approach for a variety of target depths¹

Improved Efficiency

- Ultrasound guidance reduces the time to gain vascular access²
- Quick-release function allows easy detachment of the needle from the transducer

Confident Outcomes

- Reduces risk of inadvertent vessel damage³
- Enables successful catheterization of patients with BMI ≥ 50 kg³
- Excellent success rate of $\geq 97\%$, even among first time operators³



Problem: Ultrasound-guided vascular access in patients with obesity is inherently more difficult due to positioning challenges, obscured sonoanatomy and greater needle working lengths prior to puncture.³

Solution: CIVCO's AccuSITE out-of-plane needle guidance system is proven to easily assist in successful catheterization of patients with BMI greater than or equal to 50 kg. Needle guides secure the needle to the probe and control the direction of the needle, enabling a 12 o'clock position puncture, thereby reducing the risks of vessel rolling, laceration and intimal dissection.³

Facts

- Understanding how to assess the location of the needle tip is a major obstacle. Needle visualization is essential when inserting needles into tissues.¹
- Without accurate identification of the position of the needle, it is possible to damage collateral structures.¹
- Ultrasound guidance offers advantages including a greater likelihood of success, fewer complications and less time spent on the procedure.¹
- The smaller and deeper the target, the greater the challenge and potential usefulness of ultrasound guidance.¹



Accurate Guidance. Confident Outcomes.

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1. Chapman G, Johnson D, Bodenham A. "Visualisation of Needle Position Using Ultrasonography." Journal of the Association of Anaesthetists of Great Britain and Ireland - Anaesthesia. 61. (2006): 148-158.
2. Glen H, Lang I, Christie L. "Intraclavicular Axillary Vein Cannulation Using Ultrasound in a Mechanically Ventilated General Intensive Care Population." Anaesthesia Intensive Care. 43:5. (2015): 635-640.
3. Htet N, Vaughn J, Adigopula S, Hennessey E, Mihm F. "Needle-Guided Ultrasound Technique for Axillary Artery Catheter Placement in Critically Ill Patients: A Case Series and Technique Description." Journal of Critical Care. 41 (2017): 194-197.