

NEEDLETRAINER™

The first of its kind, NeedleTrainer™ uses a retractable needle and virtual image overlays to simulate needling non-invasively on a live participant, using an authentic live ultrasound scan. This enables trainees to develop hand-eye coordination, optimum positioning, and accuracy in ultrasound-guided interventional procedures in a realistic clinical environment with minimal risk.

NeedleTrainer Portable



- ☺ Real-time image of a virtual needle in both in-plane and out of plane views on an ultrasound image.
- ☺ Develop needle probe co-ordination in an intuitive and user friendly platform.

- ☺ Designed to improve the learning curve of ultrasound-guided needling in a risk-free environment.
- ☺ Metrics for proficiency of needle probe co-ordination.
- ☺ AI powered colour overlay can assist in the acquisition and interpretation of key sono-anatomical structures associated with high yield PNB blocks.
- ☺ Optional Vascular Access Module to facilitate practice on line placement, including alternative needle sizes.

NeedleTrainer Cart-based system



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**INTELLIGENT
ULTRASOUND®**
for smarter scanning