



INTELLIGENT
ULTRASOUND®
for smarter scanning



 **NEEDLETRAINER™**

Version 2





Realistic, safe & effective training in ultrasound-guided needling

NeedleTrainer™ provides an all-in-one training solution to teach ultrasound-guided needling safely and effectively, using non-invasive needle insertion during real-time scanning on a real subject.



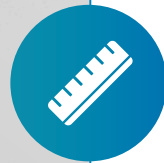
Safe & Effective

NeedleTrainer™ uses a retractable needle and virtual image overlays to simulate needling non-invasively on a live participant in a safe but realistic clinical environment.



True-to-Life

Simulate needling non-invasively on a live participant. Augmented reality overlays the simulated needle onto the live ultrasound feed, allowing a highly realistic scanning experience.



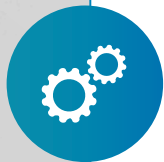
Quantitative Metrics

Needle visualization measurements aid proficiency and competence assessment in needle probe co-ordination skills.



Complete Solution

The new generation of NeedleTrainer™ incorporates the wireless GE Healthcare Vscan™ Air handheld ultrasound to provide a comprehensive education system for image acquisition and needling co-ordination skills.



Flexible and Versatile

Customize the echogenicity and gauge of the virtual needle, according to the procedure and specialty requirements.

		NeedleTrainer	NeedleTrainer Plus*
Software Options	Probe Orientation Skills		
	High-fidelity virtual needle	✓	✓
	3 x echogenicity settings	✓	✓
	4 x needle gauge options	✓	✓
	Proficiency metrics	✓	✓
	Live ultrasound mode	✓	✓
	Offline mode	✓	✓
	Anatomy Recognition Skills		
	PNB procedure mode*	-	✓
	Anatomy highlighting	-	✓

* PNB procedure mode covering 10 Plan A blocks

