

V.A. Medical Center  
 BUILDING 44  
 1901 S. 1ST ST.  
 TEMPLE, TX 76504-7451

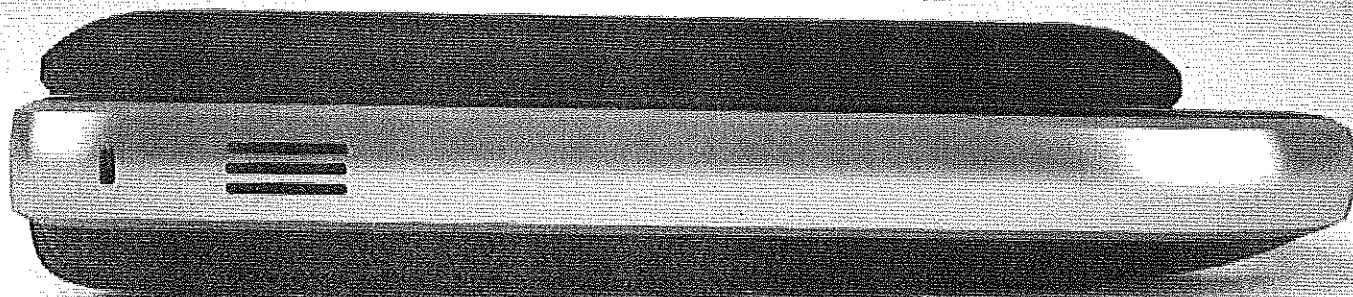
PO# 674-B30023

### Configuration - Included Items

Item	Part Number - Description	Qty
1	L14000 - SonoSite EDGE	1
2	P15704 - Color Application Software Package Edge	1
3	P15710 - DICOM Bundle (Print/Store/Worklist Mpps Sc)	1
4	P15701 - SonoMBe, EDGE	1
5	P17726 - Wireless Data Management	1
6	P07680 - C60X / 5-2 MHZ Transducer Biopsy Compatible	1
7	P07699 - SLAx / 13-6 MHZ Transducer	1
8	P07693 - HFL50x / 15-6 MHZ Transducer Biopsy Compatible	1
9	L15800 - EDGE Stand	1
10	L13559 - Power Pack	1
11	L12830 - Powerpark System	1
12	P06293 - Sony Up 897 Md Black & White Video Printer	1
13	P16535 - Triple Transducer Connect (TTC) w/ quick disconnect	1
14	P15200 - User Guide EDGE	1
15	P15644 - Service Manual, Edge	1
16	P15644 - Service Manual, Edge	1
17	5-YR-WARRANTY - 60 MONTHS - STANDARD COVERAGE WARRANTY	1
18	1-YR-WARRANTY - 12 MONTHS - STANDARD COVERAGE WARRANTY	1

# EDGE

DESIGNED FOR THE POINT OF CARE



## TAKE A CLOSER LOOK AT SONOSITE'S NEW EDGE ULTRASOUND SYSTEM

The Edge® ultrasound system is SonoSite's fifth generation of point-of-care ultrasound. The screen is noticeably larger so you can see the ultrasound image from across the patient or across the room. Enhanced image quality aids your diagnostic confidence. Rapid boot-up takes you from power-on to scanning in less than 20 seconds. A magnesium shell with a solid aluminum core drop-tested at 3 feet/91.4 cm helps to protect your investment for the long term. And a splash resistant silicone keyboard makes cleaning and disinfecting that much easier. With the Edge ultrasound system, you have access to a new generation of point-of-care visualization.

### EDGE TECHNOLOGY FROM SONOSITE

**SonoHD2™ Second Generation Imaging Technology** – provides a new series of image enhancement algorithms that reduce speckle noise and image artifacts to give the Edge ultrasound tool a new standard in point-of-care visualization image quality.

**SonoADAPT™ Tissue Optimization** – eliminating complicated manipulation of multiple controls.

**SonoMB® Multi-beam Imaging** – increasing resolution of small structures and enhancing border delineation.

**Advanced Needle Visualization** – aiding needle visualization while maintaining striking image quality of the target and surrounding anatomy.

**ColorHD™ Technology** – increasing color performance, sensitivity and frame rates for more diagnostic information.

### POINT-OF-CARE APPLICATIONS INCLUDE:

Anesthesia, Critical Care, Cardiology, Cardiovascular Disease Management, Emergency Medicine, Musculoskeletal, OB/Gyn, Radiology, Vascular, Surgery, Women's Health.



To learn more about our products contact us at 1 (877) 657-8050 or visit [www.sonosite.com/products/edge](http://www.sonosite.com/products/edge)

# EDGE

**DESIGNED FOR THE POINT OF CARE**



12.1" / 30.7 cm LCD monitor

Large clinical image area

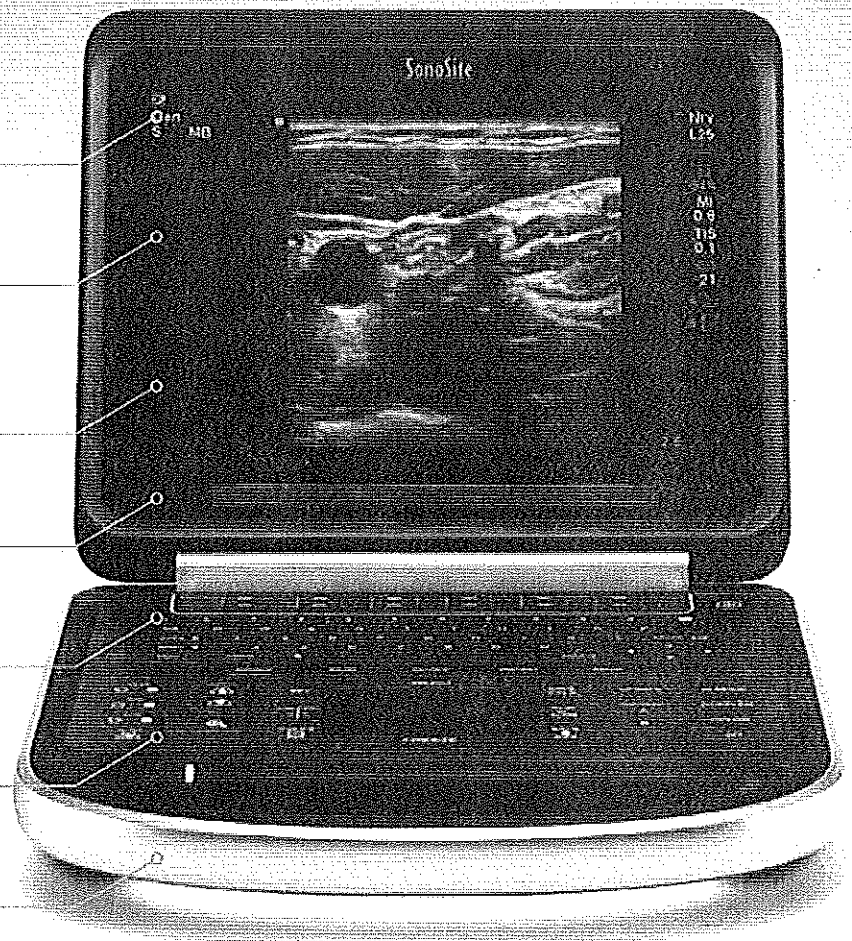
PC- and Mac-friendly for effortless data management with 2 high-speed USB 2.0 ports

8.5 lbs./3.85 kg with battery

Backlit keyboard

Splash-resistant keyboard for easy cleaning

Solid aluminum core



## MAIN FEATURES AT A GLANCE

- A new level of image quality
- Splash-resistant, sealed, silicone keyboard
- Solid aluminum core and magnesium shell provides maximum durability
- Less than 20 second boot-up
- Drop-tested at 3 feet/91.4 cm



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### SonoSite Worldwide Offices

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**EDGE**

**TRANSDUCERS**



**READY FOR  
A COMPLETE  
RANGE OF  
APPLICATIONS**



SonoSite designs, manufactures and tests transducers in-house with real-world customer needs in mind. Our transducers exceed stringent military specifications for drop testing so you can use them with confidence in the most demanding of environments. Maybe that's why SonoSite is the only ultrasound company to offer an industry leading 5-year warranty on the transducers it manufactures.





# EDGE

## TRANSDUCERS



<b>L38xi</b>  <b>10-5MHz Linear</b> <b>Applications:</b> breast IMT musculoskeletal nerve small parts vascular venous <b>Scan depth:</b> 9 cm	<b>HFL38x</b>  <b>13-6MHz Linear</b> <b>Applications:</b> breast IMT musculoskeletal nerve small parts vascular venous <b>Scan depth:</b> 6 cm	<b>HFL50x</b>  <b>15-6MHz Linear</b> <b>Applications:</b> breast musculoskeletal nerve small parts <b>Scan depth:</b> 6 cm	<b>L25x</b>  <b>13-6MHz Linear</b> <b>Applications:</b> musculoskeletal nerve superficial vascular venous ophthalmic <b>Scan depth:</b> 6 cm	<b>C8x</b>  <b>8-5MHz Curved</b> <b>Applications:</b> prostate (transrectal) <b>Scan depth:</b> 11.5 cm	<b>C11x</b>  <b>8-5MHz Curved</b> <b>Applications:</b> abdominal neonatal nerve vascular cardiology (Vel) <b>Scan depth:</b> 10 cm
<b>C60x</b>  <b>5-2MHz Curved</b> <b>Applications:</b> abdominal musculoskeletal nerve ob gyn <b>Scan depth:</b> 30 cm	<b>ICTx</b>  <b>8-5MHz Curved</b> <b>Applications:</b> ob gyn <b>Scan depth:</b> 13 cm	<b>P21x</b>  <b>5-1MHz Phased</b> <b>Applications:</b> abdominal cardiology ob orbital TCD <b>Scan depth:</b> 35 cm	<b>P10x</b>  <b>8-4MHz Phased</b> <b>Applications:</b> ped. abdominal ped. cardiology neonatal head <b>Scan depth:</b> 14 cm	<b>SLAx</b>  <b>13-6MHz Linear</b> <b>Applications:</b> musculoskeletal nerve superficial vascular venous <b>Scan depth:</b> 6 cm	<b>YEEx (U.S. only)</b>  <b>8-3MHz Multi</b> <b>Applications:</b> adult cardiology multiplane transesophageal 180° rotation of the imaging plane, providing a 360° field of view <b>Scan depth:</b> 18 cm
<b>D2x</b>  <b>2MHz Pencil</b> <b>Applications:</b> cardiology (CW) <b>Scan depth:</b> N/A	<b>L52x (Vel)</b>  <b>10-5MHz Linear</b> <b>Applications:</b> musculoskeletal ob vascular <b>Scan depth:</b> 15 cm	<p>Needle guides and kits available with the following transducers – L38xi, HFL38x, HFL50x, C60x, ICTx, P21x, C8x and L25x. A transverse needle guide is available with the L25x transducer.</p> <p>For detailed information, please visit: <a href="http://www.sonosite.com/products/edge">www.sonosite.com/products/edge</a> or speak with your SonoSite customer representative.</p> <p>Edge, SonoSite, the SonoSite logo, and other trademarks not owned by third parties are registered or unregistered intellectual property of SonoSite, Inc.</p>			



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Quick Reference Guide:

# Advanced Needle Visualisation Technology

Advanced Needle Visualisation, a proprietary and patented software algorithm from SonoSite, clearly enhances needle visualisation while maintaining striking image quality of the target and surrounding anatomy. Advanced Needle Visualisation (SonoMBe™ Imaging) is easy to use and requires no setup time, additional hardware, or expensive needles.

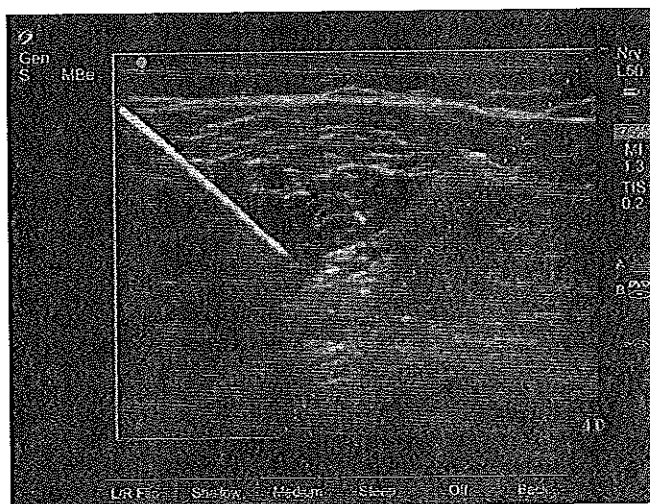
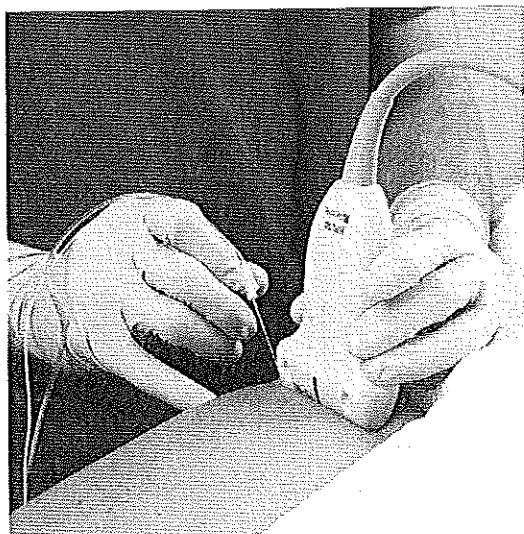
This guide provides practical tips on using this technology to fully optimise visualisation of the needle at various angles and depths.

## To Get Started:

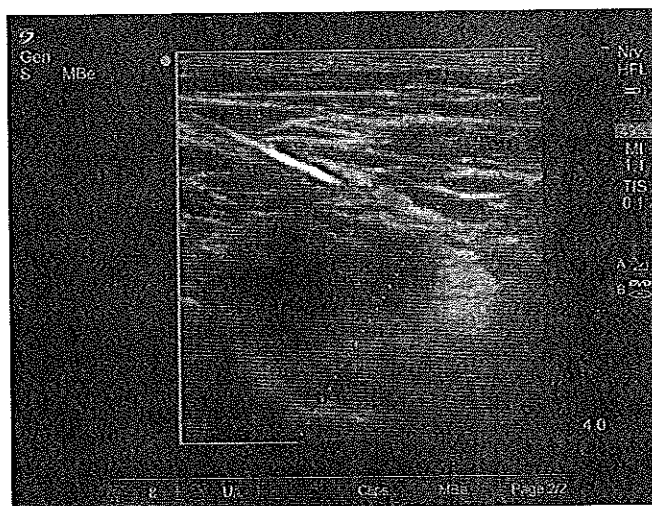
- In 2D imaging, select page 2 using the soft key menu.
- Select SonoMBe.
- Change LT/RT flip to align for the needle approach.
- Choose a Shallow, Medium, or Steep angle depending upon the depth of the target structure.
- Place the target on the needle side of the angle guide (dotted green line).
- For best visualisation of the needle shaft and tip, insert the needle so that it is perpendicular to the angle guide.
- Use the area defined by the green line for maximum visibility of the needle, keeping the needle on the needle side of the angle guide.
- To return to 2D imaging only, select Off.

Quick Reference Guide:

# Advanced Needle Visualisation Technology



Note that the needle path is perpendicular to the angle guide and the target structure is inside the angle guide area.



Note incorrect placement of target structure outside the needle guide area. In this case the target structure should be positioned to the left of the dotted green.

Dr. David Auyong  
Staff Anesthesiologist, Seattle, Washington

[www.sonosite.com/needlevisualization](http://www.sonosite.com/needlevisualization)

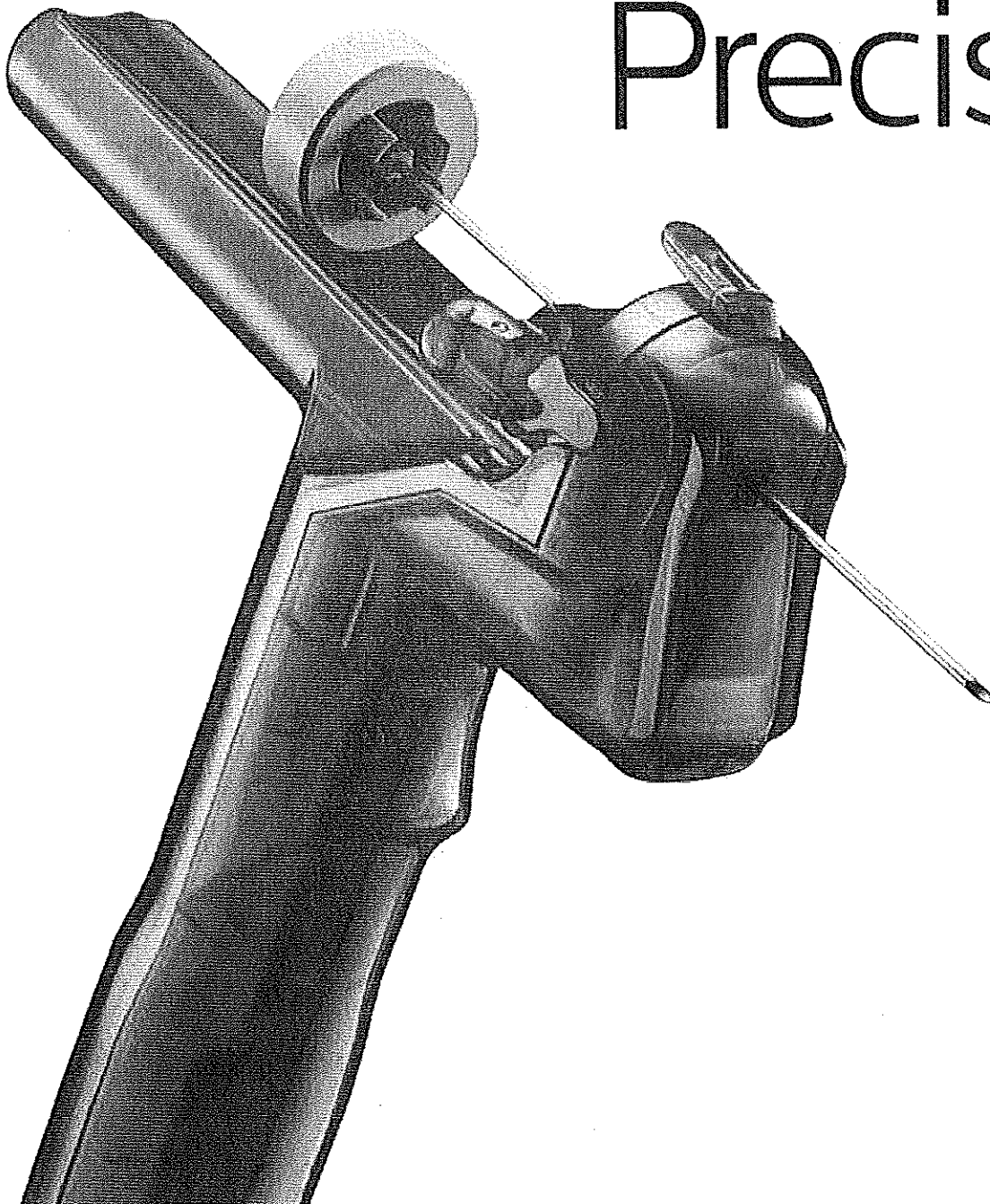




AxoTrack™ Needle Guidance Technology

Simple "point-and-shoot" access

# Precisely





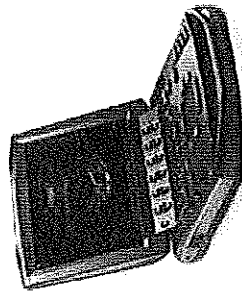
# AxoTrack™ Needle Guidance Technology

Ultrasound combines with advanced magnetic technology to achieve a breakthrough in needle guidance.



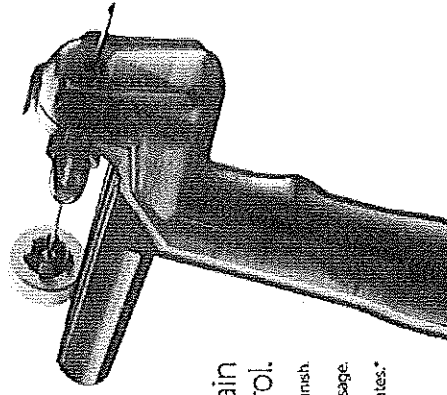
Designed to make your vascular access procedures faster and more precise.

- Easily plot desired needle trajectory.
- Observe a clear path to the target via the magnet interacting with sensors in the transducer.
- Gain real-time information about the needle tip position.



Engineered for your ease of use.

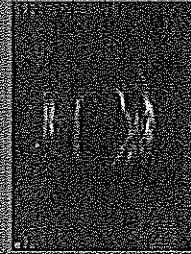
- Small transducer footprint enables you to image in tight spaces, allowing easy access to subclavian vein and other targets.
- Clearly observe guidewire passage into the target vein.



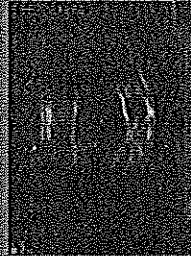
Created to help you maintain precise control.

- Guide needle with real-time visualization from start to finish.
- Clamp needle in place during guidewire passage.
- Achieve higher first-pass success rates.\*

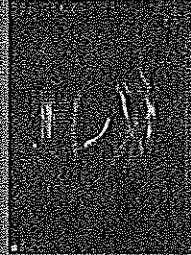
## "Point-and-shoot" vascular access in three steps...



**Step 1 • Plan the approach**  
Select the optimal window for vascular access and align the on-screen target line with the intended target.



**Step 2 • Position the needle**  
Advance the needle through the guide until the target is accessed. Engage the needle clamp to stabilize the needle tip in the vein.



**Step 3 • Pass the guidewire**  
Aspirate to confirm needle tip position and observe guidewire passage.

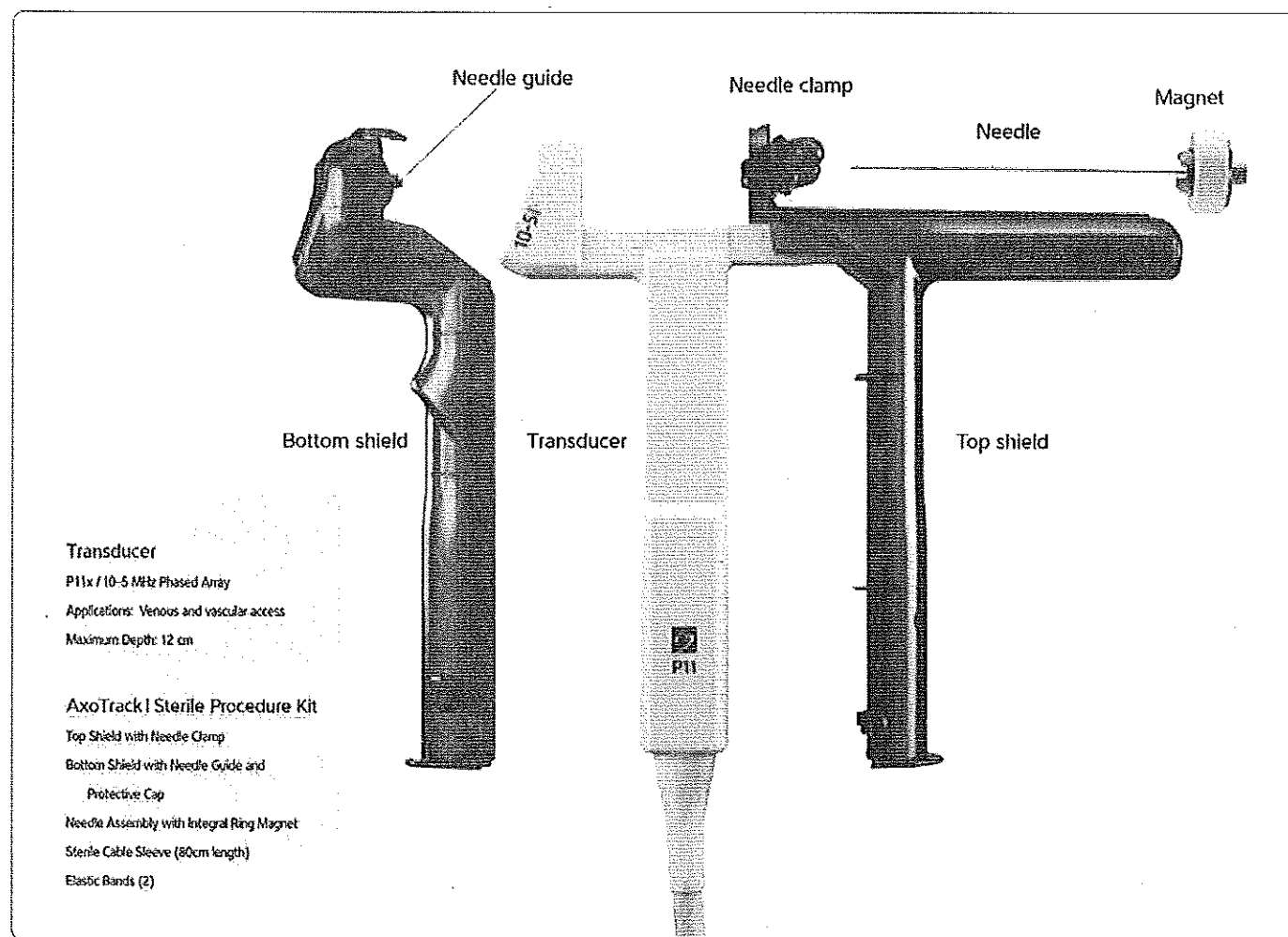
...to increase your accuracy and confidence.

FIRST-PASS SUCCESS RATES AFTER 15 MINUTES OF TRAINING			
USGIV	Overall*	Subclavian*	Internal jugular*
With AxoTrack	99%	98%	100%
Conventional	37%	22%	53%

\* In an in vitro study. P<0.001. Ferré, R.M. et al. The Use of a Novel Device Improves Ultrasound Guided IV Access. Supplement to Annals of Emergency Medicine, September 2010; 56(3):S74.

## Advanced technology for simple needle guidance.

The AxoTrack System is composed of two primary components: a specialized transducer and a disposable, sterile procedure kit.



## AxoTrack™ Needle Guidance Technology

Confidence and control in targeting. Precisely.

Contact 1-877-299-1783 or [www.sonosite.com/axotrack](http://www.sonosite.com/axotrack) to learn more.