

# SONOSITE CENTRAL LINE MANAGEMENT TRAINING PROGRAM



## The Six Point Central Line Bundle

The SonoSite Central Line Management Training Program is designed to help hospitals increase patient safety related to central line placements. This is achieved by teaching evidence-based best practices for reducing bloodstream infections and mechanical catheter complications such as iatrogenic pneumothorax. This course will assist hospitals in reducing hospital-acquired conditions (HACs) related to central venous access.

This comprehensive course teaches a Six Point Central Line Bundle (IHI guideline and ultrasound guidance) through a combination of online pre-coursework and on-site professional physician training.

The course is taught by experienced physician faculty, and it is supported by highly trained SonoSite clinical specialists. The on-site course can be customized to accommodate 18 to 64 or more attendees depending on the hospital's needs.



## TRAINING PROGRAM CONTENT

### Web-based Pre-training

Digital content is provided online to all attendees for review prior to classroom and lab training, as follows:

- Ultrasound Technique
- Physics and Technology
- Clinical Evidence Summaries

### On-site Classroom and Lab Component

The following professional physician training and hands-on practice is offered:

- The Case for Preventing Catheter-Related Complications
- The Central Line Bundle: Six Components of Evidence-Based Care
  1. Hand hygiene
  2. Maximal barrier precautions
  3. Chlorhexidine skin antisepsis
  4. Optimal catheter site selection
  5. Ultrasound guidance of catheter
  6. Daily review of line necessity
- Ultrasound-Guided Technique for Vascular Access
- Central Line Insertion Checklist
- Ultrasound System Instrumentation
  1. Basic controls
  2. Optimization
  3. Transducer selection
- Scanning Workshops on Human Models
- Needle Insertion Practice on High-Fidelity Phantoms

## Clinical Evidence for Training on the Six Point Central Line Bundle

The Centers for Disease Control and the Institute for Healthcare Improvement (IHI) recommend five basic interventions—the central line bundle—to eliminate central line-associated bloodstream infections.

The Agency for Healthcare Research and Quality, the National Institute for Health and Clinical Excellence, and several professional medical societies recommend one intervention—ultrasound guidance—to reduce mechanical complications such as iatrogenic pneumothorax and arterial puncture.

**Combining and standardizing these practices into a Six Point Central Line Bundle comprehensively addresses safety and infection control related to central venous access and helps reduce hospital-acquired conditions (HACs).**

Speak with your local SonoSite sales representative for more details.

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