Fundamentals of Central Venous Access Course

Course Details

Designed and led by highly experienced Cleveland Clinic clinicians, the Fundamentals of Central Venous Access course provides the core skills necessary to perform ultrasound-guided placement of central venous catheters in adult patients. This program will prepare the novice proceduralist to safely obtain proctored experiences in the simulated setting. The primary audience includes physician trainees, advanced practice providers (APRNs and PAs), and students pursuing those roles. This course is also appropriate for practicing clinicians who are incorporating ultrasound-guided central venous access as a new skill to their practice.

Course Format

Designed for busy clinicians and trainees, the Fundamentals of Central Venous Access course combines self-paced online learning with a half-day onsite session. Once registered, participants are given access to web-based modules via the MyLearning system approximately 1 month prior to the onsite session. The hands-on component features a very low instructor to learner ratio of 1:4 to maximize opportunities for demonstration and feedback.

ONLINE Components

- Baseline knowledge assessment
- Introduction to ultrasound techniques for vascular access
- Review of central venous line placement including indications, risks, complications
- Overview of sterile technique and kit components
- Focus on safety and incorporating procedural checklists
- Review of imaging studies pertaining to central venous line placement
- Management of complications

ONSITE Components

- Review of techniques to optimize ultrasound image quality
- Anatomic vascular assessment on live models (as available)
- Repetitive practice of vascular access techniques using task trainers
- Practice following sterile technique as related to central venous access placement
- Review of applicable imaging studies
- Discussion of complication recognition and management
- Formative assessment of participant's performance of simulated cumulative procedure

CME is provided. | Registration is available though MyLearning. | Contact Michelle Feliciano at **felicim@ccf.org** with any questions.

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