

Procedure Competency Assessment Tool – Central Venous Cannulation

Provider: _____

Date: _____

Procedure: 36556 Insert Non-tunneled CVL 76937 Ultrasound Guidance for Vascular Access

Site: Int. Jugular Subclavian/Axillary Femoral Other: _____

How many of this procedure have you completed thus far? _____

Please circle the descriptor corresponding to the candidate's performance in each category, **irrespective of the training level.**

Indication/Informed Consent:

Novice	Competent	Expert
Not sure of the patient's history, context of the procedure, or has knowledge gaps in procedure contraindications or potential complications	Understands the general indications, contraindications, potential complications, and clinical value of procedure; able to explain to patient	Clearly articulates the clinical value, potential complications, and alternatives to patient; accurately answers all patient questions to obtain informed consent

Knowledge of Specific Procedure:

Novice	Competent	Expert
Deficient knowledge; unable to articulate procedure steps	Able to articulate all important steps of procedure	Demonstrates familiarity with all aspects of procedure

Procedure Setup:

Novice	Competent	Expert
Does not gather required supplies, poor patient positioning, poor sterile technique, or does not properly identify landmarks	Gathers key instruments and supplies; properly positions patient; identifies landmarks and needle entry site; maintains sterile technique	Anticipates supplies needed for unexpected complications; ergonomic setup of all instruments and supplies

Ultrasound Transducer Use: Not Applicable

Novice	Competent	Expert
Unsure of orientation and alignment of transducer	Properly orients and scans with the transducer to acquire images needed	Rapidly orients and scans with the transducer to acquire images needed

Recognition of Key Ultrasound Findings: Not Applicable

Novice	Competent	Expert
Has difficulty identifying intended vein for cannulation, or differentiating from arteries or other structures	Identifies intended vein for cannulation and nearby structures to avoid; visualizes needle position relative to vein in short axis	Rapidly and accurately identifies all relevant structures; visualizes needle position relative to vein in long axis

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Needle Positioning:

Novice	Competent	Expert
Corrections needed to properly position and direct needle/catheter	Independently positions and directs needle/catheter, repositioning or redirecting as needed	Easily positions and directs needle/catheter without need for repositioning or redirection

Procedure Flow and Efficiency:

Novice	Competent	Expert
Frequently stops procedure and seems unsure of next move; many unnecessary moves	Demonstrates some forward planning with reasonable progression of procedure; efficient time/motion but some unnecessary moves	Obviously plans course of procedure with effortless flow from one move to the next; clear economy of movement and maximum efficiency

Management of Complications: [] Not Applicable

Novice	Competent	Expert
Does not recognize or appropriately address developing complication	Recognizes and appropriately addresses developing complication	Immediately recognizes developing complication; manages with precise direction and without hesitation

Overall on this task did the provider demonstrate competency to perform this procedure independently?

Yes _____ No _____

Comments:

Attending Name (Print): _____ **Signature/Date:** _____