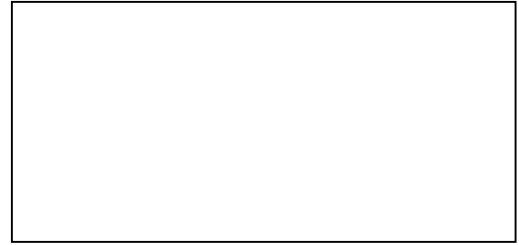


**Procedure Competency Form:  
Ultrasound guided Central Venous  
Access**



Patient Addressograph

Resident:

Faculty observing:

Date:

- Informs patient of procedure and obtains consent consistent with hospital policy
- Enters patient name and MR number into ultrasound machine
- Places patient in proper position
- Explains steps of procedure to patient throughout the procedure
- Chooses appropriate ultrasound transducer
- Resident cleans the transducer before use and performs surveillance of local anatomy and vessel location
- Confirms correct location of probe marker and orientation
- Identifies target vein, associated artery and surrounding local anatomy via compression and/or color flow Doppler
- Prepares self and patient using proper sterile technique
- Observes sterile technique to place sterile probe cover on ultrasound probe
- Adequately anesthetizes target tissue area
- Measures depth of target vein to determine needle insertion point
- Observes proper needle angle during insertion
- Accurately identifies needle tip vs. needle down artifact prior to advancement of needle

- Documents needle insertion during cannulation of vessel with either a representative still image or a video clip
- Uses ultrasound to evaluate causes of difficulty advancing wire when applicable
- Properly secures line and orders chest radiograph to confirm placement when applicable
- Prepares the machine for the next user
- Procedure note written

Assessment:

- Unsatisfactory
- Proficient
- Mastered

Comments:

Faculty signature: \_\_\_\_\_