

Ultrasound-guided Peripheral Catheter Insertion Competency

Nurse:

Facility:

Date:

Preceptor:

	Skills Reviewed	Successful	Unsuccessful
1.	Gather necessary equipment.	<input type="checkbox"/>	<input type="checkbox"/>
2.	Power on the ultrasound machine and adjust the settings, such as depth, gain, and frequency.	<input type="checkbox"/>	<input type="checkbox"/>
3.	Ensure the patient is positioned comfortably and expose the relevant limb while maintaining patient privacy, recommended that the patient be in bed.	<input type="checkbox"/>	<input type="checkbox"/>
4.	Wash your hands and don clean gloves.	<input type="checkbox"/>	<input type="checkbox"/>
5.	Apply tourniquet.	<input type="checkbox"/>	<input type="checkbox"/>
6.	Apply gel to the ultrasound probe.	<input type="checkbox"/>	<input type="checkbox"/>
7.	Perform a first reconnaissance to locate a suitable vein. Apply pressure with the probe to ensure the blood vessel compresses and is non-pulsatile (is not an artery).	<input type="checkbox"/>	<input type="checkbox"/>
8.	Mark insertion site.	<input type="checkbox"/>	<input type="checkbox"/>
9.	Clean excess gel on probe and patient's skin.	<input type="checkbox"/>	<input type="checkbox"/>
10.	Release tourniquet.	<input type="checkbox"/>	<input type="checkbox"/>
11.	Remove gloves, wash your hands, and don clean gloves.	<input type="checkbox"/>	<input type="checkbox"/>
12.	Tighten tourniquet.	<input type="checkbox"/>	<input type="checkbox"/>
13.	Cleanse the skin at the intended insertion site with an antiseptic solution and allow it to air dry.	<input type="checkbox"/>	<input type="checkbox"/>
14.	Cleanse the ultrasound probe with an antiseptic solution to maintain aseptic conditions during the procedure.	<input type="checkbox"/>	<input type="checkbox"/>
15.	Apply probe cover to probe, applying sterile gel to the inside of the cover and then again to the outside	<input type="checkbox"/>	<input type="checkbox"/>
16.	Using ultrasound guidance, insert the catheter needle into the vein at an appropriate angle and with controlled, gentle advancement.	<input type="checkbox"/>	<input type="checkbox"/>
17.	Confirm proper catheter tip placement within the vein under ultrasound visualization.		
18.	Slide the catheter over the needle into the vein.		

19.	Once the catheter is properly positioned, remove the needle while holding the catheter in place.		
20.	Secure the catheter using an appropriate securement device.		
21.	Attach a syringe filled with saline to the catheter hub, check for blood return, and gently flush to confirm catheter placement and patency.		
22.	Apply an appropriate sterile dressing over the catheter insertion site to maintain a clean and secure environment.		
Procedure Rating: <input type="checkbox"/> Successful <input type="checkbox"/> Unsuccessful			

Student's Signature: _____

Date: _____

Preceptor's Signature: _____

Date: _____