

Lovelace Westside Hospital
Ultrasound-Guided Peripheral IV Insertion Competency Validation Checklist

Performance Criteria	Met	Not Met
Patient is assessed based on diagnosis, IV medications, and anticipated duration of therapy. Information is gathered about patient history of DVT, UE or thoracic surgery, dialysis or node dissection . Short-Term peripheral access is determined to be the appropriate device. Allergies to medications or local anesthesia is noted.		
Introduces self and explains procedure to patient. Verifies patient identification. Obtains verbal consent.		
Performs hand hygiene.		
Asks patient about prior IV sites and venipunctures and any already painful areas.		
Positions patient with forearm in accessible position on impermeable surface. Aligns ultrasound for optimal viewing.		
Cleans patient arm and ultrasound probe. Applies tourniquet.		
Assesses veins for compressibility, directionality and size. Marks venipuncture site.		
Removes tourniquet. Prepares supplies, including extension set with attached flush syringe, securement device and clear dressing. Cleans venipuncture site and ultrasound with CHG. Administers local anesthesia if needed.		
Dons clean gloves. Selects and opens appropriate catheter for selected vein.		
Applies sterile gel and relocates vein at marked site. Orients transverse to vein.		
Performs venipuncture, verifies blood return, and successfully advances catheter..		
Removes tourniquet. Connects extension set and flush syringe to catheter hub. Flushes and re-verifies blood return. Palpates vein while flushing to verify fluid is not causing tissue displacement..		
Removes ultrasound gel from site and preps skin for securement device.		
Applies securement device and clear dressing to site and re-verifies blood return.		
Verbalizes patient education and training for IV safety, including signs and symptoms of infiltration and prevention of IV-related infections.		
Documents start date on IV site. Documents procedure appropriately in MR.		

Clinician Name/ Title _____ Unit _____ Date __/__/__

Validated By _____ Date __/__/__

Comments:

Date of next Competency Validation: __/__/__