



**CENTRAL LINE INFECTION
PREVENTION CHECK LIST**

Goal To decrease patient harm from catheter-related blood stream infections
 Who An operator & a monitor
 What Assure compliance with and documentation of checklist elements
 Where At the site of the procedure
 When During all central venous line insertions or rewires
 How The monitor verifies that the steps have occurred, immediately informs the operator/supervisor of deviations, & completes the checklist

Roles: *Operator:* the clinician placing the central line
Supervisor: an experienced operator who is involved in training the operator in central line placement
Monitor: an individual who is qualified to observe the procedure and watch for breaks in sterile technique. If a break in sterile technique is observed, the monitor asks the operator to repeat a portion of the procedure after correcting the observed break.
Please identify a monitor for this line placement prior to the time out.

Procedure Planning

Line Insertion Site:	<input type="checkbox"/> Subclavian	<input type="checkbox"/> Internal Jugular	<input type="checkbox"/> Femoral	<input type="checkbox"/> PICC	<input type="checkbox"/> UA/UV	<input type="checkbox"/> Other (specify)
	Yes	No	Comments/Reason			
Emergent placement	<input type="checkbox"/>	<input type="checkbox"/>				
Timeout documented separately	<input type="checkbox"/>	<input type="checkbox"/>				
Consent documented separately	<input type="checkbox"/>	<input type="checkbox"/>				

If there is a deviation in any of the critical steps, immediately notify the operator and stop the procedure until corrected. If the step is completed properly, check the "Yes" box. If the step is not completed properly, check the "No" box and note the issue in the "Comments/Reason" section. Contact the Attending if any item on the checklist is not adhered to or with any concerns.

Critical Step for Line Insertion	Yes	No	Comments/Reason
Before the procedure, the operator will:			
Confirm hand sanitizing (Cal Stat) or antimicrobial soap immediately prior	<input type="checkbox"/>	<input type="checkbox"/>	
Disinfect procedure site (chlorhexidine) using a back & forth friction scrub for 30 seconds. In patients < 2 months of age, use povidone iodine instead of chlorhexidine.	<input type="checkbox"/>	<input type="checkbox"/>	
Allow site to dry for 30 seconds	<input type="checkbox"/>	<input type="checkbox"/>	
Operator(s): hat, mask, sterile gown/gloves, eye protection	<input type="checkbox"/>	<input type="checkbox"/>	
Assistant/Monitor: hat, mask & standard precautions (if at risk for entering sterile field use sterile gown/gloves)	<input type="checkbox"/>	<input type="checkbox"/>	
Use sterile technique to drape from head to toe; Pediatrics use judgment to determine extent of draping.	<input type="checkbox"/>	<input type="checkbox"/>	
During the procedure, the operator will:			
Maintain a sterile field	<input type="checkbox"/>	<input type="checkbox"/>	
Limit needle stick attempts to <=3 per operator	<input type="checkbox"/>	<input type="checkbox"/>	
Confirm that the wire is in the vein prior to dilation using ultrasound or manometry	<input type="checkbox"/>	<input type="checkbox"/>	
Flush and cap line before removal of drapes	<input type="checkbox"/>	<input type="checkbox"/>	
After the procedure, the operator will:			
Confirm that guidewire has been removed and is intact	<input type="checkbox"/>	<input type="checkbox"/>	
Remove blood with antiseptic agent (chlorhexidine), if present. Use sterile water/saline for infants <2 mos. Place Biopatch around catheter at insertion site before placement of sterile dressing (exclusions pre-term and infants < 2 mos., tunneled dialysis catheters).	<input type="checkbox"/>	<input type="checkbox"/>	
Apply appropriate (green = all "yes", red = 1 or more "no") dated sticker on patient's line	<input type="checkbox"/>	<input type="checkbox"/>	

Date & Time:	Unit:
Operator: _____ MD/RN	Monitor: _____ Credentials

2-Hole 1/4 2 3/4 - 3-Hole 1/4 4 1/4