



Healthcare-Associated Infections Program Adherence Monitoring
Central Line Insertion Practices

Facility name:
 Facility ID:
 Assessment completed by:
 Date:
 Unit:

Regular monitoring with feedback of results to staff can maintain or improve adherence to central line insertion practices. Use this tool to identify gaps and opportunities for improvement. Monitoring may be performed in any type of patient care location where central lines are inserted.

Instructions: Use this tool to **directly observe** central line insertions. Observe each practice and check “Yes” if adherent and “No” if not. In the last columns, record the total number of “Yes” for adherent practices observed and the total number of observations (“Yes” + “No”). Calculate adherence percentage in the last row. “Essential” practices are considered core strategies and should be correctly practiced for each line insertion.

Central Line Insertion Practice	CVC Patient Patient 1	CVC Patient Patient 2	Adherence by Task	
			# Yes	# Observed
IP1. Essential: A list of evidence-based indications is used to determine line necessity. (This patient meets indications.)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
IP2. Essential: Hand hygiene is performed before and after insertion.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
IP3. Essential: Ultrasound guidance used.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
IP4. Essential: Maximum sterile barrier precautions are used for insertion.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
IP5. Essential: Optimal site is selected (avoiding the femoral site in all adult patients and the subclavian vein preferred in ICU patients).	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
IP6. Essential: Greater than 2% CHG with alcohol is used for skin antisepsis prior to insertion, a scrubbing motion is used to apply CHG, and the prep is allowed to dry completely. If CHG is contraindicated appropriate substitute is used (same method as CHG unless otherwise specified).	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
IP7. Essential: Sterile gauze, sterile transparent, or sterile semi-permeable dressing is used to cover catheter site.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
IP9. CVC insertion date and indication are documented at the time of insertion.	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
All essential components met:	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
# of Correct Practices Observed (“# Yes”): ____	Total # Contact Precautions Observations (“# Observed”): ____ (Up to 16 total) <i>If practice could not be observed (i.e., cell is blank), do not count in total # Observed.</i>		Adherence ____% (Total “# Yes” ÷ Total “# Observed” x 100)	
All essential components are in place for all patients <input type="checkbox"/> Yes <input type="checkbox"/> No				