



Healthcare-Associated Infections Program Adherence Monitoring Central Line Insertion Practices

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 a box if adherent, Yes or No. In the column on the right, 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.

Practices denoted with an asterisk (*) are considered core strategies and should be correctly practiced for each line insertion.

Central Line Insertion Practice		Patient/ Resident 1		Patient/ Resident 2		# Yes	# Observed
		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
IP1.	Line necessity is indicated (based on evidence-based indications list).	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
IP2.	Central line 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		
IP3.*	Hand hygiene is performed before and after insertion.	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
IP4.*	Maximum barrier precautions are used for insertion.	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
IP5.*	The optimal site is selected, avoiding the femoral site in adult patients.	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
IP6.*	Greater than 0.5% chlorhexidine (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 completely dry. If CHG is contraindicated an appropriate substitute is used.	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
IP7.*	Sterile gauze, sterile transparent, or sterile semi-permeable dressing is used to cover the catheter site.	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
IP8.	A CHG-impregnated sponge is applied around the insertion site of the central line.	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
<p># of Correct Practice Observed (“# Yes”): _____ Total # Central Line Insertion Observations (“# Observed”): _____ Adherence _____%</p> <p>(Up to 16 total) (Total “# Yes” ÷ Total “# Observed”) x 100</p> <p><i>If practice could not be observed (i.e. cell is blank), do not count in total # Observed</i></p> <p>All 5 Core Elements are in place for all patients/residents observed: <input type="checkbox"/> Yes <input type="checkbox"/> No</p>							