

CENTRAL LINE BUNDLE

Data Collection Plan

1. Enter the ICU three times per week, in each time check all the patients with central line. Spot record the compliance with every element of Central Line Bundle and assess for overall compliance (If even one element of the bundle is missing, the case is not in compliance with the bundle)
2. At the end of the month, calculate the following:
 - Compliance for **every** element alone (the first 5 equations) as in the following table and multiply by 100 to obtain percentage.
 - Central Line Bundle compliance (the 6th equation). For example, if there are 7 patients with central line, and 6 have all five bundle elements completed then there is 86 percent (6 divided by 7) compliance with the Central Line Bundle. If all 7 were missing even a single bundle item, compliance would be 0 percent.

		% of Compliance
1.Hand Hygiene compliance		
<u>Total number of patient-days compliant with hand hygiene</u>	<u>a</u> X 100	
Total number of patient-days examined for hand hygiene compliance	A	
2.Maximum Barrier compliance		
<u>Total number of patient-days compliant with maximal barrier precautions</u>	<u>b</u> X 100	
Total number of patient-days examined for maximal barrier precautions compliance	A	
3.Chlorhexidine antiseptis compliance		
<u>Total number of patient-days compliant with chlorhexidine skin antiseptis</u>	<u>c</u> X100	
Total number of patient-days examined for chlorhexidine skin antiseptis compliance	A	
4. Optimum Catheter site selection compliance		
<u>Total number of patient-days compliant with optimal catheter site selection</u>	<u>d</u> X100	
Total number of patient-days examined for optimal catheter site selection compliance	A	
5. Daily review compliance		
<u>Total number of patient-days compliant with daily review of central line necessity</u>	<u>e</u> X100	
Total number of patient-days examined for daily review of central line necessity compliance	A	
Central line bundle compliance		
<u>Total number of patient-days compliant with combined 5 central line bundle components</u>	<u>B</u> X100	
Total number of patient-days examined for combined 5 central line bundle components	A	