

SUPPLEMENTARY MATERIAL

Assessing the effect of implementing a central line care bundle on central line-associated bloodstream infections in a tertiary hospital in Saudi Arabia

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Supplementary Table 1. Summary of central line-associated bloodstream infection insertion care bundle scoring system.

Scorable care bundle element	Answer options	Scoring
Patient identified	Yes	1
	No	0
Consent completed	Yes	1
	No	0
Reason for insertion	Hemodynamic monitoring	1
	Therapeutic	1
	Sampling	1
Sterile technique maintained	Yes	1
	No	0
Maximum barrier precaution compliance	Yes	1
	No	0
Insertion site prepared with	Chlorhexidine gluconate	1
	Povidone iodine	1
	Alcohol	1
	Other	1
Clamp lumens	Yes	1
	No	0
	NA	Excluded from scoring

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Supplementary Table 2. Summary of central line-associated bloodstream infection maintenance care bundle scoring system.

Scorable care bundle element	Answer options	Scoring
Hand hygiene performed	Yes	1
	No	0
Line requirement discussed	Yes	1
	No	0
	NA	Excluded from scoring
Daily maintenance bundle	<input type="checkbox"/> Apply disinfection caps on all unused lumen closure <input type="checkbox"/> Change IV sets for continuous infusions per policy <input type="checkbox"/> Replace dressings when compromised (wet, soiled) <input type="checkbox"/> Scrub the hub for each use with appropriate antiseptic <input type="checkbox"/> Use sterile devices to access catheters <input type="checkbox"/> Use sterile technique during dressing changes	1
Daily bathing	CHG bathing	1
	Washing with soap	1
	NA	Excluded from scoring
Line access	Hub scrubbed for 30 seconds	1
	Disinfectant cap used	1
	NA	Excluded from scoring
Dressing change	Yes	1
	Not required	Excluded from scoring

NA, not applicable; CHG, chlorhexidine gluconate.