

Annexure B 3: Nurse sensitive indicators for ICU identified within included articles

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	Altalfin et al., (2014)	Berenholtz et al., (2014)	Coombs et al., (2016)	Danielis et al., (2019)	Driscoll et al., (2017)	Dubois et al., (2017)	Duszynska et al., (2016)	Evangelou et al., (2020)	Evangelou et al., (2018)	Floroff et al., (2014)	Foster et al., (2020)	Fraser et al ., (2015)	Ju et al., (2017)	Klompas et al., (2014)	Koch et al., (2020)	Kouatly et al., (2018)	Mauillin et al., (2017)	Myers et al., (2018)	Noome et al., (2016)	Nowicki et al., (2017)	Oner et al., (2021)	Rajamani et al., (2020)	Saint et al., (2016)	Sampathkumar et al., (2016)	Stifter et al., (2021)	Sutton & Jarden (2017)	Tabah et al., (2020)	Theeranut et al., (2019)	Yang et al., (2018)
VAP				X	X			X	X			X				X		X			X								X
Length of mechanical ventilation				X	X			X						X		X													
Unplanned endotracheal extubation								X	X																				X
Endotracheal re-intubation									X									X								X			
CLABSI		X		X				X	X							X	X	X								X			X
Accidental removal of IV catheters								X																	X				
Implementation rate of DVT prevention					X																								X
Evaluation of delirium				X																									X
Evaluation rate of level of sedation												X		X															X
Evaluation rate of analgesia						X			X				X																X
Use of restraints					X			X	X						X														X
Prescription/consent for restraints								X																					X
Upper GI bleeding					X																								
Implementation of enteral nutrition																										X			X
Management of blood glucose levels																													X

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NGT removal due to occlusion and re-positioned								X	X																		X			X
Pressure ulcers				X	X	X		X	X			X	X		X	X			X							X			X	X
Incontinence associated dermatitis															X	X														X
Implementation of early appropriate broad spectrum antibiotic					X							X															X			X
Implementation of hand hygiene																														X
Use of PPE																				X							X			
CAUTI						X	X		X			X	X	X						X		X	X						X	
Use of urinary tract bundles						X	X												X		X	X								
Potentially inappropriate medications						X		X	X	X		X		X			X													
Medication administration errors																														
Out-going transport related accidents																														
Inappropriate turn-off of the alarms																														
Discharge planning						X					X				X															
Failure to rescue						X									X															
Nursing staff turn-over															X															
Number of continuous hours worked					X	X									X															
Professional nurse per ICU bed	X				X																									
ICU nursing staff with ACLS												X																	X	
Nurses who worked in ICU for < 3 years																													X	
Composition of care teams						X									X															
Falls/ falls with injury					X	X		X	X			X		X	X		X									X				

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Length of stay				X		X		X	X		X				X			X											
ICU readmission rate					X	X		X	X						X														
Cost of treatment									X																				
Mortality				X	X				X		X				X			X											
Do not resuscitate / end of life care			X															X											