This Document is Supplementary Material to the Gown and Glove Evidence Review
Draft The Effectiveness of Targeted Gown and Glove Use by Healthcare Personnel in Long Term Care Facilities: A Systematic Review [PDF – 31 Pages]
https://www.cdc.gov/hicpac/pdf/HCP-GG-MainAppendix-2023-10-23-Draft-508.pdf

Score	Color	Definition
1		Element is present in this study
NA		Element is not applicable to this study design
0		Unclear if this element is present in this study
-1		Element is not present in this study

OUTCOME MEASURE		Lydecker 2020
		S. aureus acquisition
Domain	**Signaling question**	
Study Elements	Design appropriate to research question	
	Well described population	
	Well described setting	
	Well described intervention/ exposure	
	Well described control/ comparator	
	Well described outcome	
	Clear timeline of exposures/ interventions and outcomes	
Selection Bias: Sampling	Randomization appropriately performed	
	Allocation adequately concealed	
	Population sampling appropriate to study design	
Selection Bias: Attrition	Attrition not significantly different between groups	
	Attrition <10-15% of population	
	Attrition appropriately analyzed	
Information Bias: Measurement and Misclassification	Measure of intervention/ exposure is valid	
	Measure of outcome is valid	
	Fidelity to intervention is measured	
	Fidelity to intervention is valid	
	Prospective study	
	Adequately powered to detect result	
Information Bias: Performance & Detection	Outcome assessor blinded	
	Study participant blinded	
	Investigator/ data analyst blinded	
	Data collection methods described in sufficient detail	
	Data collection methods appropriate	
	Sufficient follow up to detect outcome	
Information Bias: Analytic	Appropriate statistical analyses for collected data	
	Appropriate statistical analyses are conducted correctly	
	Confidence interval is narrow	
Confounding	Potential confounders identified	
	Adjustment for confounders in study design phase	
	Adjustment for confounders in data analysis phase	
Reporting Bias	All pre-specified outcomes are adequately reported	
Other Bias	No other sources of bias	
COI	Funding sources disclosed and no obvious conflict of interest	

OUTCOME MEASURE		Blanco 2017	Blanco 2018	Pineles 2017	Roghmann 2015
		RGNB Contamination of PPE	RGNB Contamination of PPE	MRSA Contamination of PPE	MRSA Contamination of PPE
Domain	Signaling question				
Study Elements	Design appropriate to research question				
	Well described population				
	Well described setting				
	Well described intervention/ exposure				
	Well described control/ comparator				
	Well described outcome				
	Clear timeline of exposures/ interventions and outcomes				
Selection Bias: Sampling	Randomization appropriately performed				
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Selection Bias: Attrition	Attrition not significantly different between groups				
	Attrition <10-15% of population				
	Attrition appropriately analyzed				
Bias: Measurement and Mis	Measure of intervention/ exposure is valid				
	Measure of outcome is valid				
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	Adequately powered to detect result				
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