

# Supplementary Material

## Evaluation and Effectiveness of Dementia Staff Training Programs in General Hospital Settings: A Narrative Synthesis with Holton's Three-Level Model Applied

### SEARCH STRATEGY

#### Pubmed, Cochrane Library, CINAHL

("Dementia" [Mesh] OR "Delirium" [Mesh] OR Cognitive Impairment\* [tiab] OR Dement\* [tiab] OR Delirium [tiab] OR Alzheimer\* [tiab])

AND

("Personnel, Hospital" [Mesh] OR "Hospitals" [Mesh] OR "Hospital Medicine" [Mesh] OR "Hospital Units" [Mesh] OR "Hospitals, Teaching" [Mesh] OR "Rehabilitation Centers"[Mesh] OR "Ambulatory Care Facilities" [Mesh] OR "Emergency Medical Services"[Mesh] OR "Emergency Medicine"[Mesh] OR Hospital\* [tiab] OR Rehabilitation Center\* [tiab] OR Ambulatory [tiab] OR Emergency [tiab] OR "Intensive care" [tiab])

AND

("Education" [Mesh] OR Education [sh] OR Education\* [tiab] OR Training\* [tiab] OR Learning [tiab] OR Teaching [tiab])

#### PsycInfo

("Dementia" [Mesh] OR "Delirium" [Mesh] OR Cognitive Impairment\* [tw] OR Dement\* [tw] OR Delirium [tw] OR Alzheimer\* [tw])

AND

("Health Personnel" [Mesh] OR Nursing [sh] OR Nurses [tw] OR Doctors [tw] OR Physicians [tw] OR Clinicians [tw] OR Therapists [tw] OR Staff [tw] OR professionals [tw] OR workers [tw] OR personnel [tw] OR caregivers [tw] OR provider\* [tw])

AND

("Hospitals" [Mesh] OR "Hospital Medicine" [Mesh] OR "Hospital Units" [Mesh] OR "Hospitals, Teaching" [Mesh] OR "Rehabilitation Centers"[Mesh] OR "Ambulatory Care Facilities" [Mesh] OR "Emergency Medical Services"[Mesh] OR "Emergency Medicine"[Mesh] OR Hospital [tw] OR Hospitals [tw] OR Clinic [tw] OR Clinical\* [tw] OR Clinics [tw] OR Rehabilitation Center\* [tw] OR Ambulatory [tw] OR Emergency [tw] OR "Intensive care" [tw])

AND

("Education" [Mesh] OR Education [sh] OR Education\* [tw] OR Training\* [tw])

**Supplementary Table 1. Methods and the three primary outcome domains of Holton [15].**

	Methods				Learning						Individual performance						Organizational results			
	Quantitative	Mixed-measurements	Self-reports	Observations	Greater knowledge about dementia	Changes in attitudes	Changes in self-efficacy/competence	Increased confidence	Dealing with challenging behavior	Satisfaction with the training	Use of tools	Changes in clinical skills	Creation of action plans	Dementia experts	Person-centered care	Using communication techniques	Decreased chemical restraints	Decreased physical restraints	Care pathway/policies	Environmental factors
Banks et al. [1]		X	X			X		X		X	X		X	X	X					X
Elvish et al. [2]	X		X		X			X	X						X					
Elvish et al. [3]	X		X		X			X	X						X					
Galvin et al. [4]		X	X		X	X		X		X	X				X				X	X
Hobday et al. [5]		X	X		X			X		X		X								
Hunter et al. [6]		X	X							X										
Jack-Waugh et al. [7]	X		X		X	X		X				X	X							
O'Brien et al. [8]		X	X		X			X		X		X			X					
Palmer et al. [9]		X	X		X	X		X		X		X								
Pfeifer et al. [10]		X	X		X				X		X				X					
Sampson et al. [11]		X	X	X			X	X		X	X		X	X	X				X	X
Scerri et al. [12]		X		X		X				X		X		X	X					
Schindel Martin et al. [13]		X	X			X	X	X				X		X	X	X	X		X	
Surr et al. [14]	X		X			X	X								X					

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