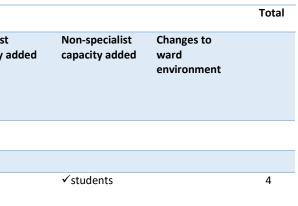
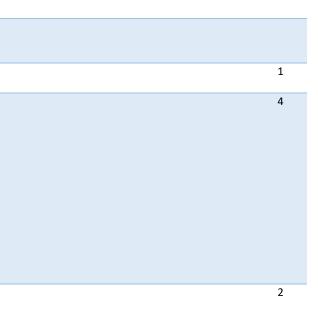
Supplementary Material 9. Intervention categories and their components across studies included in Review 3

						In	ervention compone	ints						Tota
Review #3 Study Author- Date	Institutional level support	Therapeutic support to carers	Information/ed ucation for families	Inclusive approach to family carers	Activities for Plwd	Staff training/educati on	Cementing new knowledge and practice through feedback on wards	Existing special knowledge utilised	Documentation for staff to improve individualised care	Approach adopted to guide caring for Plwd	Specialist capacity added	Non-specialist capacity added	Changes to ward environment	
mproving stafj (n=12)	f information, know	ledge and skills												
Sub-category: t	raining													
Naughton- 2018						 ✓ dementia communication training; nursing students training & older adult unit placement 	✓ follow-up short reflective discussion, feedback, mentors			✓ training based on VERA		✓ students		4
Schindel-2016	✓ departmental managers were invited to participate in sessions during which an overview of the GPA program was presented, the program's relationship to the organizational vision of care was discussed					✓ Gentle Persuasive Approaches (GPA) educational programme	✓ Staff teaching partners supported imp and sustainability in their practice units		✓manual provided to all participants	✓ GPA	✓ Certified GPA coaches, Teaching partners			6
Smythe-2014						✓ development & training	✓ each training session followed by working alongside staff member and subsequent feedback and reflection		 ✓ Manual written to ensure implementation fidelity 		 ✓ Mental health nurse and 2 general nurses 			4
Asomaning- 2016	 ✓ After needs assessment, the hospital's Geriatric Steering Committee committed to support innovative initiatives and solutions in improving the care of older patients with behavioural disturbances; and staff's ability and comfort in 					 ✓ development & training 				√ GPA				3





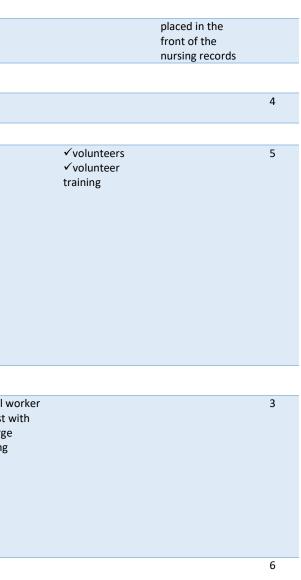
	working these							
	patients and their families							
Galvin-2010	their farmies			✓ development				
				& training				
Palmer-2014	✓ hospitals			✓ development			✓ Binder with	✓ Person-
	asked to pay a			& training			slides and	Centred Care
	program fee,						handouts of	(PCC), culture
	and a hospital						important info	change
	admin.						given to	
	representative was to be						participants	
	present during							
	the program to							
	address							
	institution-							
	specific							
	questions							
Sampson-	✓ hospital			✓& train-the-				
2017	medical and			trainer program				
	nursing directors			& each hospital				
	contacted; orgs			developed				
	identified key staff to deliver			bespoke package for staff				
	dementia			training				
	training locally			training				
Surr-2016	er anning rootaniy			✓& train-the-		√Peer		✓PCC
				trainer day with		facilitators		
				the task to		tasked with		
				deliver the		onward delivery		
				program to		of the		
				other staff		Foundation level		
						program to		
Sub-category: t	ailored strategies					other staff		
Luxford-2015		✓ brochures for		✓			✓ mutual	
Luxiora-2015	Local imp team; flexible	family and		•			development of	
	approach to	carers					management	
	local nomination	Carers					strategies to aid	
	of wards within						communication	
	the hospital was						and support	
	taken to ensure						personalised	
	local 'buy-in' by						care	
	allowing						✓toolkit,	
	clinicians to						information	
	consider where						brochures for	
	best to						family and	
	implement						carers,	
	TOP 5						promotional	
Mador-2004				✓	✓ ongoing	✓ EPN	material ✓ patient	
1012004				·	support by	formulated	consultation	
					Extended	management	✓ tailored	
					Practice Nurse	plans	management	
					(EPN)	•	strategies	
Miller-2004		✓elder guide	✓ encouraged to	✓	· ·		✓ client profile	
			stay with				based on carer	
			patients and				information	
			provide physical				✓ individualised	
			care at their				care protocol	
			level of					
			comfort					



3
5
5

✓ training for	✓ props:	7
elder care	coloured	
assistants	copy of the	
(undergraduate	ECSIP along with	
students)	each	
	patient's client	
	profile was	

													placed in the front of the nursing records	
Sub-category: fo	ollowing care													
protocol Beernaert- 2017		✓ leaflets				\checkmark	✓ ongoing support		✓ care guide to follow					4
Increasing (ward	d) capacity (n=1)						support		10110					
Bateman- 2016	✓ consultation with managers & nursing staff throughout the planning phase via working group; Regular meetings were held with nurse unit managers and volunteers to monitor the program and							✓ supervision & support of volunteers	✓ patient profile by volunteers	√PCC		 ✓volunteers ✓volunteer training 		5
	address issues interventions for p	eople with												
dementia (n=6)														
DiNapoli-2016					✓ most frequently delivered: reminiscence/lif e review, casual conversation puzzles/cards/b oard games, listening to music, doing art				✓ Personal interests and functional status was assessed with the Assessment Tool for Individualizing Activities		✓ social worker to assist with discharge planning			3
Gitlin-2016			✓ reviewing assessments & activities for home use		✓ activity prescriptions (e.g. folding towels)	~	√by OT		 ✓ interview with family about patient roles, habits, interests ✓ patient assessment by OT 					6
Weber-2009		✓ assessment of communication patterns btw family members		✓ family interventions	 ✓ music therapy, movement therapy, psychodynamic therapy and sociotherapy 		✓ weekly team meetings			 ✓ Psychodynami c, therapeutic community 				5
Cheong-2016					✓ music therapy						✓ board certified			2
Daykin-2017				✓ visitors could attend music sessions	 ✓ participatory music (reminiscence, song-writing, composing, singing, playing instruments) 						music therapist ✓Musician trained to work with PwD			3
Windle-2018				 ✓ carers were not required to take part 	✓ art viewing activity, art- making	✓ community art partners					✓ lead artist with prior expertise and training in			4



			although some chose to							art and dementia			
Special care units (n=4) Goldberg- 2013; Tanajewski- 2015 Cost- effectiveness			✓ proactive & inclusive approach to family (more communication, liberal visiting times, invitation to engage in day to day care)	√'organised purposeful activity'	✓				√PCC	✓ specialist mental health staff employed, occupational, physio and speech/languag e therapists, psychiatrists and geriatricians, activity coordinators		✓ 28 bed specialist unit was an acute geriatric medical ward; noise reduction strategy, bed number plaques, coloured signage, etc.	6
Skea-1996						✓unit 1 feedback at 12 months			Unit 2 emphasizing resident choice, opportunity, support and independence	✓ competitively recruited for this unit: mental health and other nursing staff		 ✓ separate units: 1 within hospital, 1 with 4 linked house groups, higher staff-to- patient ratio 	4
Tay-2018	✓ opportunities for caregiver training serve to equip caregivers with enhanced skills and confidence to care for the patients after discharge. The team, in particular the social workers and nurses, dedicates time to explore the caregiver's coping and makes attempts to encourage and empower caregivers to care better		 ✓ encouraging family and volunteers to provide companionship 	 ✓ music therapy, recreational/gro up activities (games, puzzles, horticultural therapy, exercises in the lounge and outdoor areas of the ward) 				✓ patient background info via a Know Me Better form	✓ enhanced medical and psychosocial care protocol- PCC		✓ volunteers help to feed the patients and engage them in activities and conversations	✓ separate unit within hospital, higher staff-to- patient ratio	8
Volicer-1994									✓ Sites differed in medical management of patients: DSCU prioritising comfort instead of survival	✓ Staff trained in management of AD, academically affiliated part- time physicians, nurse practitioner support		 ✓ DSCU homogeneously grouped in 3 units; Traditional site patients dispersed among several sites with cognitively intact pts 	3
Support for carers (n=1)													
Catic-2013	✓ post- discharge telephone review	✓ booklet					✓in-patient consultation & counselling by geriatricians and palliative care						3

•	:	2
	I	a

								nurse practitioner						
Total	6	5	2	6	8	16	8	4	10	11	8 or 9	4	5	