

Competency-building interventions for care workers to enhance patient safety: An evidence map of systematic reviews, report 399 (2025)

Appendix 3 Characteristics of included studies

Reference	Title	Year of last literature search Inclusion criteria regarding year of publication	Publication year of included empirical studies	Instrument to assess risk of bias Risk of bias
Brown et al. (2020) [51]	<i>Interventions to enhance empathy and person-centered care for individuals with dementia: A systematic review</i>	2018 All years accepted	1995-2017	ROBIS [1] Low
Carporelli et al. (2024) [52]	<i>A systematic review of the effectiveness of educational interventions in promoting person-centred care in dementia services</i>	2022 1988-2022	2011-2022	ROBIS [1] High
Kelley et al. (2024) [58]	<i>A systematic review of mental health focused training programs for direct support professionals working with individuals with intellectual and developmental disabilities</i>	2022 Not stated	2001-2021	QES [2] Major
Knopp-Sihota et al. (2023) [59]	<i>Healthcare aide-focused interventions to improve pain management in long-term care homes: A systematic review</i>	2021 From database inception to search	2000-2021	ROBIS [1] Low
Manchery et al. (2020) [60]	<i>Are oral health education for carers effective in the oral hygiene management of elderly with dementia? A systematic review</i>	Not stated All years accepted	2009-2017	ROBIS [1] High

Reference	Title	Year of last literature search Inclusion criteria regarding year of publication	Publication year of included empirical studies	Instrument to assess risk of bias Risk of bias
McKenna et al. (2023) [53]	<i>The impact of psychosocial training on staff attitudes towards people living with dementia: A systematic review</i>	2021 1990 and later	2018–2021	ROBIS [1] Unclear
Mullins et al. (2023) [56]	<i>Training programme for community service providers who support adults with intellectual disabilities: A systematic quantitative literature review of single-case research</i>	2023 1990 and later	1992–2017	ROBIS [1] Unclear
O'Brien et al. (2023) [61]	<i>The impact of healthcare assistant education on pressure ulcer prevention: A systematic review</i>	2021 All years accepted	1994–2021	ROBIS [1] Unclear
Rommerskirch-Manietta et al. (2021) [62]	<i>Organizational capacity building in nursing facilities to promote resident mobility: A systematic review</i>	2020 Not stated	1999–2020	ROBIS [1] Low
Shepherd-Banigan et al. (2023) [54]	<i>Health care team interventions for older adults with distress behaviors: A systematic review</i>	2022 2002 till sökningen	2005–2019	ROBIS [1] Low
Shore et al. (2022) [63]	<i>Delegation of medication administration from registered nurses to non-registered support workers in community care settings: A systematic review with critical interpretive synthesis</i>	2020 From database inception to search	1999–2019	QES [2] Moderate
Sturgeon, M. (2023) [57]	<i>The impact of mindfulness interventions for staff on the care, treatment, and experiences of people with</i>	2021 All years accepted	2004–2020	ROBIS [1] High

Reference	Title	Year of last literature search Inclusion criteria regarding year of publication	Publication year of included empirical studies	Instrument to assess risk of bias Risk of bias
	<i>intellectual disabilities: A systematic review</i>			
Zhao et al. (2021) [55]	<i>Dementia care education interventions on healthcare providers' outcomes in the nursing home setting: A systematic review</i>	2020 From database inception to search	1999–2020	ROBIS [1] Unclear

References

1. Bedömning av systematiska översikter (ROBIS). Stockholm: Statens beredning för medicinsk och social utvärdering (SBU); 2020. [accessed June 10 2025]. Available from: https://www.sbu.se/globalassets/ebm/bedomning_systematiska_oversikter_robis.pdf
2. Granskningsmall för kvalitativa evidenssynteser (QES). Stockholm: Statens beredning för medicinsk och social utvärdering (SBU); 2023. [accessed June 10 2025]. Available from: https://www.sbu.se/globalassets/ebm/granskningsmall_kvalitativa_evidenssynteser_qes.pdf
51. Brown EL, Agronin ME, Stein JR. Interventions to Enhance Empathy and Person-Centered Care for Individuals With Dementia: A Systematic Review. *Res Gerontol Nurs*. 2020;13(3):158-68. Available from: <https://doi.org/10.3928/19404921-20191028-01>
52. Carparelli C, Jones C, Oyebode JR, Riley GA. A Systematic Review of the Effectiveness of Educational Interventions in Promoting Person-Centred Care in Dementia Services. *Clin Gerontol*. 2024;47(5):665-83. Available from: <https://doi.org/10.1080/07317115.2022.2152515>
53. McKenna M, Brown LJ, Muller C, Vikram A, Berry K. The impact of psychosocial training on staff attitudes towards people living with dementia: A systematic review. *Int J Older People Nurs*. 2023;18(3):e12528. Available from: <https://doi.org/10.1111/opn.12528>
54. Shepherd-Banigan M, Ramos K, McDermott C, McConnell Eleanor S, Raman Sudha R, Chen D, et al. Health Care Team Interventions for Older Adults With Distress Behaviors: A Systematic Review. 2023. Available from: <http://ovidsp.ovid.com/ovidweb.cgi?T=JS&PAGE=reference&D=medp&NEWS=N&AN=39052823>
55. Zhao Y, Liu L, Chan HY. Dementia care education interventions on healthcare providers' outcomes in the nursing home setting: A systematic review. *Res Nurs Health*. 2021;44(6):891-905. Available from: <https://doi.org/10.1002/nur.22180>
56. Mullins LE, Scott V, Cox AD. Training programme for community service providers who support adults with intellectual disabilities: A systematic quantitative literature review of single-case research. *J Appl Res Intellect Disabil*. 2023;36(6):1191-205. Available from: <https://doi.org/10.1111/jar.13152>
57. Sturgeon M. The impact of mindfulness interventions for staff on the care, treatment, and experiences of people with intellectual disabilities: A systematic review. *J Appl Res Intellect Disabil*. 2023;36(5):978-99. Available from: <https://doi.org/10.1111/jar.13140>
58. Kelley HH, Aller TB, Wappett M. A Systematic Review of Mental Health Focused Training Programs for Direct Support Professionals Working with Individuals with Intellectual and Developmental Disabilities. *Journal of Mental Health Research in Intellectual Disabilities*. 2023;17(2):106-37. Available from: <https://doi.org/10.1080/19315864.2023.2198491>
59. Knopp-Sihota JA, MacGregor T, Nuspl M, Reeves J, Kennedy M. Healthcare aide-focused interventions to improve pain management in long-term care homes: A systematic review. *Arch Gerontol Geriatr*. 2023;104:104808. Available from: <https://doi.org/10.1016/j.archger.2022.104808>

60. Manchery N, Subbiah GK, Nagappan N, Premnath P. Are oral health education for carers effective in the oral hygiene management of elderly with dementia? A systematic review. *Dent Res J (Isfahan)*. 2020;17(1):1-9. Available from: <https://www.ncbi.nlm.nih.gov/pubmed/32055287>
61. O'Brien N, Moore Z, Avsar P, Patton D, Nugent L, O'Connor T. The impact of healthcare assistant education on pressure ulcer prevention: a systematic review. *J Wound Care*. 2023;32(Sup7a):cxv-cxxvii. Available from: <https://doi.org/10.12968/jowc.2023.32.Sup7a.cxv>
62. Rommerskirch-Manietta M, Braunwarth JI, Quasdorf T, Manietta C, Rodrigues-Recchia D, Reuther S, et al. Organizational Capacity Building in Nursing Facilities to Promote Resident Mobility: A Systematic Review. *J Am Med Dir Assoc*. 2021;22(12):2408-24 e12. Available from: <https://doi.org/10.1016/j.jamda.2021.09.017>
63. Shore CB, Maben J, Mold F, Winkley K, Cook A, Stenner K. Delegation of medication administration from registered nurses to non-registered support workers in community care settings: A systematic review with critical interpretive synthesis. *Int J Nurs Stud*. 2022;126:104121. Available from: <https://doi.org/10.1016/j.ijnurstu.2021.104121>