Table 1: Summary of Included Studies (n=273)

Study	Year	Continent	Gap (Medical)	Gap (Nursing)	Gap (Systemic)	Gap (Others)	Solution (Medical)	Solution (Nursing)	Solution (Systemic)	Solution (Others)
Abbot et al.[1]	2005	Europe	✓							
Abbott et al.[2]	2005	Europe	✓							
Abebe et al.[3]	2020	North America			✓					
Abebe et al.[4]	2020	North America	✓		✓					
Aboneh et al.[5]	2016	North America			✓				✓	
Adams et al.[6]	2025	North America							✓	
Adams et al.[7]	2017	North America							✓	
Adams et al.[8]	2013	North America							✓	
Adams et al.[9]	2021	North America	✓		✓					
Agrawal et al.[10]	2012	North America	✓							
Alexander J et al.[11]	2015	North America			✓		✓		✓	✓ (Caregiver involvement)
Allshouse et al.[12]	2018	North America			✓					
Altman et al.[13]	2018	Australia							✓	
Altman et al.[14]	2018	Australia	✓		✓					
An, R.[15]	2015	North America			✓					
Antolick et al.[16]	2019	North America						✓		
Arakelyan et al.[17]	2024	North America			✓					
Arar et al.[18]	2024	North America			✓					
Arthur et al.[19]	2018	North America							✓	
Asan et al.[20]	2022	North America							✓	
Austin et al.[21]	2023	North America					✓			
Avritscher et al. [22]	2019	North America			✓		✓			
Barnert et al.[23]	2019	North America				✓ (Research)				
Barnert et al.[24]	2017	North America			✓					
Barton et al.[25]	2021	North America				✓ (Equipment)				✓ (Equipment)
Batson et al.[26]	2022	North America			✓		✓		✓	
Belza et al.[27]	2023	North America			✓		0			
Bergman et al.[28]	2020	North America							✓	
Bogetz et al.[29]	2022	North America					✓		✓	
Boss et al.[30]	2019	North America			✓					
Bourke-Taylor et al.[31]	2014	Australia			✓		✓			
Bradshaw et al.[32]	2019	Europe							✓	
Brand et al.[33]	2023	North America								✓ (Pastoral care)
Breen et al.[34]	2018	Australia							✓	
Breneol et al.[35]	2022	North America			✓				✓	
Breneol et al.[36]	2017	North America							✓	
Brenner et al.[37]	2017	Europe								✓ (Research)
Brenner et al.[38]	2018	Europe			✓				✓	✓ (Caregiver involvement)
Brooks et al.[39]	2012	Europe				✓ (Caregiver concerns)			✓	
Bumbalo et al.[40]	2005	North America			✓					
Cady et al.[41]	2015	North America			✓			✓		
Cady et al.[42]	2017	North America			✓				✓	
Cady et al.[43]	2008	North America		✓				✓		
Cady et al.[44]	2009	North America						✓		
Cady et al.[45]	2020	North America						✓		
Cady et al.[46]	2014	North America						✓		

Study	Year	Continent	Gap (Medical)	Gap (Nursing)	Gap (Systemic)	Gap (Others)	Solution (Medical)	Solution (Nursing)	Solution (Systemic)	Solution (Others)
Caicedo et al.[47]	2014	North America				✓ (Caregiver concerns)				
Carter et al.[48]	2007	Europe							✓	
Chouteau et al.[49]	2019	North America							✓	
Cohen et al.[50]	2012	North America			✓					
Cohen et al.[51]	2023	North America							✓	
Cohen et al.[52]	2018	North America			✓				✓	
Cohen et al.[53]	2012	North America							✓	
Cohen et al.[54]	2010	North America							✓	✓ (Research)
Cohen et al.[55]	2009	North America							✓	
Cohen et al.[56]	2012	North America			✓	✓ (Caregiver concerns)			✓	
Coller et al.[57]	2022	North America				✓ (Caregiver concerns)				
Coller et al.[58]	2018	North America							✓	
Coller et al.[59]	2017	North America					✓	✓		✓ (Caregiver support)
Comeau et al.[60]	2024	North America			✓				✓	
Conkol et al.[61]	2020	North America							✓	
Cook et al.[62]	2024	North America					✓			
Corden et al.[63]	2024	North America							✓	
Cormack et al.[64]	2016	North America							✓	
Curfman et al.[65]	2023	North America							✓	
Curran et al.[66]	2020	North America	✓	✓	✓	✓ (Caregiver concerns)			✓	
D'Aprano et al.[67]	2019	Australia							✓	
Dallas et al.[68]	2023	North America						✓	✓	
deBanate et al.[69]	2019	North America							✓	
deLange et al.[70]	2023	Europe							✓	
deLima et al.[71]	2013	South America				✓ (Caregiver concerns)				
Desai et al.[72]	2020	North America							✓	
Desai et al.[73]	2016	North America				✓ (Caregiver concerns)	✓	✓	✓	
Dewan et al.[74]	2024	North America	✓	✓	✓	✓ (Caregiver concerns)				
Dewan et al.[75]	2013	North America			✓				✓	
Dewan et al.[76]	2024	North America					✓			
Donnelly et al.[77]	2020	North America			✓					
Doucet et al.[78]	2022	North America							✓	
Doyle et al.[79]	2012	Europe						✓		
Elias et al.[80]	2012	North America			✓	✓ (Caregiver concerns)	✓			
Esser et al.[81]	2021	North America			✓	✓ (Caregiver concerns)				
Esser et al.[82]	2024	North America							✓	
Feinstein et al.[83]	2021	North America				✓ (Research)				
Ferro et al. [84]	2021	Europe								✓ (Technology)
Foster et al.[85]	2016	North America					✓			
Foster et al.[86]	2021	North America				✓ (Caregiver concerns)				
Foster et al.[87]	2021	North America			✓	✓ (Caregiver & provider concerns)				
Foster et al.[88]	2020	North America			✓					

Study	Year	Continent	Gap (Medical)	Gap (Nursing)	Gap (Systemic)	Gap (Others)	Solution (Medical)	Solution (Nursing)	Solution (Systemic)	Solution (Others)
Foster et al.[89]	2019	North America			✓				✓	
Friedman et al.[90]	2016	North America							✓	
Frush et al.[91]	2023	North America								✓ (Technology)
Galligan et al.[92]	2021	North America			✓					
Genna et al.[93]	2022	Europe			✓					
Ghotane et al.[94]	2025	Europe			✓					
Ghotane et al.[95]	2024	Europe							✓	
Giambra et al.[96]	2014	North America						✓		
Glassgow et al.[97]	2017	North America							✓	
Glick et al.[98]	2024	North America	✓		✓		✓		✓	
Golden et al.[99]	2012	North America				✓ (Caregiver concerns)				
Gordon et al.[100]	2007	North America							✓	
Gresely-Jones et al.[101]	2014	North America						✓		
Haggerty et al.[102]	2023	North America			✓					
Hagvall et al.[103]	2014	Europe		✓				✓		
Hamilton et al.[104]	2012	North America							✓	
Haney et al.[105]	2012	North America						✓		
Harrigan et al.[106]	2002	North America							✓	
Harris et al.[107]	2024	North America							✓	
Harvey et al.[108]	2024	Australia							✓	
Haspels et al.[109]	2025	Europe	✓		✓	✓ (Caregiver concerns)				
Haspels et al.[110]	2023	Europe								✓ (Research)
Haspels et al.[111]	2025	Europe	✓		✓					
Hepburn et al.[112]	2012	North America			✓					
Hewitt-Taylor et al.[113]	2006	Europe						✓		
Hillis et al.[114]	2016	Europe			✓					
Hirt et al.[115]	2023	North America			✓	✓ (Caregiver concerns)				
Hlyva et al.[116]	2021	North America							✓	
Hochstadt et al.[117]	1989	North America			✓	✓ (Caregiver concerns)			✓	
Hodgson et al.[118]	2025	Australia							✓	
Hodgson et al.[119]	2024	Australia			✓	✓ (Caregiver concerns)				
Houlihan et al.[120]	2024	North America							✓	
Hounsell et al.[121]	2021	North America			✓				✓	
Howard et al.[122]	2017	North America							✓	
Hunt et al.[123]	2015	Europe			✓					
Jacobs et al.[124]	2023	Europe	✓		✓	✓ (Caregiver concerns)				✓ (Research)
Jetelina et al.[125]	2020	North America							✓	
Johaningsmeir et al.[126]	2014	North America				✓ (Caregiver concerns)				
Jolliff et al.[127]	2023	North America	✓							
Joly, E.[128]	2017	North America			✓			✓	✓	
Joly, E.[129]	2015	North America						✓		
Joly, E.[130]	2015	North America				✓ (Caregiver concerns)				
Jonas et al.[131]	2021	North America							✓	✓ (Caregiver involvement)
Keim-Malpass et al.[132]	2023	North America							✓	
Kelly et al.[133]	2008	North America							✓	
Kieren et al.[134]	2023	North America							✓	

Study	Year	Continent	Gap (Medical)	Gap (Nursing)	Gap (Systemic)	Gap (Others)	Solution (Medical)	Solution (Nursing)	Solution (Systemic)	Solution (Others)
Kingsnorth et al.[135]	2013	North America							✓	
Kirk et al.[136]	1999	Europe	✓		✓					
Kirk et al.[137]	2003	Europe			✓	✓ (Caregiver concerns)				
Knapp et al.[138]	2007	Europe			✓					
Kobussen et al.[139]	2020	North America					✓			
Koch et al.[140]	2021	North America				✓ (Caregiver concerns)				
Krieg et al.[141]	2023	North America								✓ (Caregiver involvement)
Kuo et al.[142]	2017	North America							✓	
Kuo et al.[143]	2013	North America							✓	
Kuo et al.[144]	2015	North America							✓	
Kuo et al.[145]	2014	North America			✓					
Kuo et al.[146]	2016	North America					✓		✓	
Lail et al.[147]	2019	North America	✓						✓	
Lail et al.[148]	2017	North America	✓				✓			
Lakshmanan et al.[149]	2019	North America	✓						✓	✓ (Support groups)
Lam et al.[150]	2024	Asia			✓			✓		
Langer et al.[151]	2018	North America			✓				✓	
Larson et al.[152]	2017	North America	✓						✓	
Larson et al.[153]	2021	North America			✓		✓		✓	
Layshock et al.[154]	2024	North America	✓				✓			
Leach et al.[155]	2021	North America	✓				✓			
Leake et al.[156]	2023	North America	✓				✓		✓	
Leary et al.[157]	2020	North America	✓		✓	✓ (Pharmacist)				
LeGrow et al.[158]	2022	Multi-Continent		✓			✓			
Lewis et al.[159]	2007	Europe		✓					✓	
Leyenaar et al.[160]	2017	North America			✓		✓			
Leyenaar et al.[161]	2018	North America			✓		✓			
Li et al.[162]	2025	North America	✓		✓		✓		✓	
Li et al.[163]	2021	North America								
Lin et al.[164]	2020	North America	✓				✓			
Lin et al. [165]	2021	North America	✓		✓					
Lin et al. [166]	2020	North America							✓	
Lindahl et al.[167]	2013	Europe			✓				✓	
Lindsay et al.[168]	2015	North America	✓		✓					
Lindstrom et al.[169]	2020	North America						✓		
Looman et al.[170]	2018	North America							✓	
Looman et al.[171]	2020	North America			✓			✓		
Looman et al.[172]	2015	North America						✓		
Loura et al.[173]	2024	North America	✓	✓	✓		✓	✓	✓	
Luzi et al.[174]	2019	Europe			✓				✓	
MacDonald and Callery.[175]	2008	North America			✓				✓	
Mackay et al.[176]	2025	Multi-Continent			✓				✓	
Macneill et al.[177]	2025	North America							✓	
MacNeill et al.[178]	2025	North America	✓		✓					
MacNeill et al.[179]	2022	North America			✓		✓			
Madrid-Rodríguez et al.[180]	2025	Europe								✓ (Technology)
Major et al.[181]	2018	North America			✓			✓	✓	
Malik et al.[182]	2025	North America	✓						✓	
Mandic et al.[183]	2017	North America			✓				✓	
Mann et al.[184]	2019	North America	✓							
Mantler et al.[185]	2020	Multi-Continent			✓					

Study	Year	Continent	Gap (Medical)	Gap (Nursing)	Gap (Systemic)	Gap (Others)	Solution (Medical)	Solution (Nursing)	Solution (Systemic)	Solution (Others)
Marquez et al.[163]	2022	North America	✓							✓ (Pharmacy)
Materula et al.[187]	2024	North America			✓					
Matiz et al.[188]	2021	North America						✓		
Matsuzawa et al.[189]	2020	Asia			✓					✓ (Care coordinator)
Mauskar et al.[190]	2023	North America	✓		✓		✓		✓	
McKenzie et al.[191]	2019	North America			✓				✓	
McKissick et al.[192]	2017	North America						✓		
McLorie et al.[193]	2023	Europe	✓		✓					
McLorie et al.[194]	2023	Europe			✓					
Mekhuri et al.[195]	2025	North America		✓						
Miller et al.[196]	2015	North America							✓	
Ming et al.[197]	2019	North America								✓ (Technology)
Ming et al.[198]	2021	North America							✓	
Ming et al.[199]	2022	North America								✓ (Telemedicine)
Mooney-Doyle et al.[200]	2024	North America			✓					
Moore et al.[201]	2024	North America							✓	
Morse et al.[202]	2021	North America	✓				✓	✓		
Munn et al.[203]	2025	North America						✓		
Murphy et al.[204]	2012	North America	✓		✓					✓ (Care coordinator)
Murphy & Ehritz.[205]	2021	North America						✓		
Murphy et al.[206]	2021	Multi-Continent			✓	✓ (Caregiver concerns)				
Musial et al.[207]	2020	North America		✓		✓ (Caregiver concerns)				
Nackers et al.[208]	2019	North America							✓	
Nageswaran et al.[209]	2022	North America					✓			
Nageswaran et al.[210]	2012	North America			✓					
Nageswaran et al.[211]	2017	North America		✓	✓					✓ (Parents)
Nageswaran et al.[212]	2018	North America			✓					✓ (Care coordinator)
Nightingale et al.[213]	2023	Europe						✓		
Noritz et al.[214]	2017	North America								✓
Notario et al.[215]	2019	North America							✓	✓ (EHR)
Noyes et al.[216]	2014	Multi-Continent			✓				✓	
Orth et al.[217]	2023	North America	✓							
Page et al.[218]	2025	North America			✓				✓	
Parpia et al.[219]	2023	North America								✓ (Tech)
Peter et al.[220]	2011	Australia						✓		
Petitgout et al.[221]	2021	North America								✓ (Tech)
Pitch et al.[222]	2023	North America				✓ (Parents)			✓	
Plews-Ogan et al.[223]	2019	North America			✓					
Pordes et al.[224]	2018	North America			✓					
Porepa et al.[225]	2017	North America			✓	✓ (Infrastructure)			✓	
Quigley et al.[226]	2014	North America				✓ (Technology)				
Quinn et al. [227]	2024	North America								✓ (Pharmacist)
Raisanen et al.[228]	2021	North America			✓				✓	

Study	Year	Continent	Gap (Medical)	Gap (Nursing)	Gap (Systemic)	Gap (Others)	Solution (Medical)	Solution (Nursing)	Solution (Systemic)	Solution (Others)
Ranade-Kharkar et al.[229]	2017	North America				✓ (Technology)				
Ranade-Kharkar et al.[230]	2018	North America				✓ (Technology)				✓ (Tech)
Randolph et al.[231]	2024	North America							✓	
Randolph et al.[232]	2024	North America							✓	
Ratliffe et al.[233]	2002	North America			✓					
Ravid et al.[234]	2020	North America								✓ (Tech)
Reedy et al.[235]	2025	North America				✓ (Medications)				✓ (Pharmacist)
Rennick et al.[236]	2019	North America			✓				✓	
Rojas et al.[237]	2023	North America							✓	
Ronan et al.[238]	2020	North America			✓					
Schnell et al.[239]	2025	North America			✓					
Schnell et al.[240]	2025	North America							✓	
Shimmura & Tadaka.[241]	2018	Asia							✓	
Shouldice et al.[242]	2023	North America								✓ (Technology)
Simon et al.[243]	2017	North America								✓ (Case management)
Smith et al.[244]	2024	North America			✓					
Sobotka et al.[245]	2020	North America		✓						
Sprecher et al.[246]	2022	North America								✓ (Health Coaching)
Statile et al.[247]	2016	North America							✓	
Thibault et al.[248]	2023	North America						✓		
van de Riet et al.[249]	2023	Multi-Continent			✓				✓	
van de Riet et al.[250]	2023	Multi-Continent			✓					
van de Riet et al.[251]	2024	Europe			✓				✓	
Van Klaveren et al.[252]	2025	Europe			✓				✓	
Van Orne [253]	2022	Multi-Continent			✓				✓	
Van Orne [254]	2024	North America	✓							
Vance et al.[255]	2023	North America	✓						✓	
Vasan et al.[256]	2022	North America			✓				✓	
Vestal et al.[257]	2024	North America			✓				✓	
Wallace et al. [258]	2025	North America							✓	
Wang et al.[259]	2021	North America				✓ (Technology)				✓ (Technology)
Watkinson et al.[260]	2023	Multi-Continent			✓				✓	
Watson et al.[261]	2002	Europe			✓					
Werner et al.[262]	2025	North America			✓				✓	
Werner et al.[263]	2024	North America								✓ (Technology)
West et al.[264]	2020	Multi-Continent								✓ (Research)
White et al. [265]	2017	North America							✓	
Whiting et al.[266]	2013	North America	✓							
Williams et al.[267]	2021	North America	✓	✓						
Wilson et al.[268]	2024	North America	✓			✓ (Equipment)				
Woodgate et al.[269]	2024	North America			✓	✓ (Community social worker)			✓	
Wright et al.[270]	2025	North America		✓						
Yamamoto et al. [271]	2023	Asia	✓							
Yu et al. [272]	2021	North America			✓					
Zurynski et al.[273]	2025	Multi-Continent			✓	✓ (Equipment)				

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