

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

### Appendix 1 Search strategies

If all or a substantive part of the search strategies below are reused in another publication, please cite this report!

CINAHL via EBSCO 20 March 2025

Title: Competency-building interventions for care workers to enhance patient safety: An evidence map of systematic reviews

Search terms	Items found
<b>Population: formal caregivers (home care providers, care workers, other nursing staff)</b>	
MH "Allied Health Personnel" OR MH "Caregivers" OR MH "Certified Nursing Assistants" OR MH "Community Health Workers" OR MH "Health Personnel" OR MH "Health Personnel, Unlicensed" OR MH "Home Health Aides" OR MH "Homemaker Services" OR MH "Interprofessional Relations" OR MH "Multidisciplinary Care Team" OR MH "Nursing Home Personnel" OR MH "Practical Nurses" OR MH "Workforce"	220,881
TI("assistant nurse*" OR "assistant staff" OR "assistive personnel" OR "care aid*" OR "care assistant*" OR ("Care home") N1 (worker* OR staff* OR aid* OR personel*)) OR "care assistant*" OR "care personnel" OR "care professional*" OR "care provider*" OR "care staff" OR "care work*" OR (caregiver* N1 formal) OR "caregiving aid*" OR "caregiving workforce" OR "community care staff" OR "community health care" OR "Community health worker*" OR "community nursing team*" OR "community staff" OR ("daily activit*" N1 staff*) OR "direct-care staff*" OR "Direct Service Personnel" OR "disability service staff" OR "domiciliary care*" OR "facilit* staff*" OR "Family therapist" OR "formal caregiver*" OR "health aid*" OR "Healthcare assistant*" OR "healthcare practitioner*" OR "home aid*" OR "homecare healthcare professionals" OR "homecare support services" OR "homecare support worker*" OR "homecare staff" OR "homecare professional*" OR "homecare provider*" OR "Homecare worker*" OR "homecare workforce" OR "home care provider*" OR "home health aid*" OR "home care provider*" OR "home care staff" OR "home care professional*" OR "home care provider*" OR "home care worker*" OR "home care workforce" OR homemaker* OR "house staff" OR "medical assistant*" OR "non-registered nurse*" OR "non-registered medical practitioner*" OR "non-registered practitioner*" OR "non-registered staff" OR "nurse* aid*" OR "nurses aid" OR "nurse* assistant*" OR "nursing assistant*" OR "nursing attendant*" OR "nursing home caregiver*" OR "nursing home staff*" OR "nursing staff" OR ((paid OR formal OR professional) N2 (caregiver*)) OR "paid home car*" OR "paid caregiver*" OR "paid carer*" OR "patient care technician*" OR "personal assistance" OR "personal assistant*" OR "personal care aid*" OR "personal support worker*" OR "practical nurse*" OR "respite worker*" OR "support aid*" OR "support worker*" OR "support professional*" OR "unlicensed service provider*" OR "welfare professional*") OR AB("assistant nurse*" OR "assistant staff" OR "assistive personnel" OR "care aid*" OR "care assistant*" OR ("Care home") N1 (worker* OR staff* OR aid* OR personel*)) OR "care assistant*" OR "care professional*" OR "care provider*" OR "care staff" OR "care work*" OR (caregiver* N1 formal) OR "caregiving aid*" OR "caregiving workforce" OR "community health care" OR "Community health worker*" OR "community nursing team*" OR "community staff" OR "direct-care staff*" OR "disability service staff" OR "domiciliary care*" OR "facilit* staff*" OR "formal caregiver*" OR "health aid*" OR "healthcare practitioner*" OR "home aid*" OR "homecare healthcare professionals" OR "homecare support services" OR "homecare support worker*" OR "homecare staff" OR "homecare professional*" OR "homecare provider*" OR "Homecare worker*" OR "homecare workforce" OR "home care provider*" OR "home health aid*" OR "home care provider*" OR "home care staff" OR "home care professional*" OR "home care provider*" OR "home care worker*" OR "home care workforce" OR homemaker* OR "house staff" OR "medical assistant*" OR "non-registered nurse*" OR "non-registered medical practitioner*" OR "non-registered practitioner*" OR "non-registered staff" OR "nurse* aid*" OR "nurses aid" OR "nurse* assistant*" OR "nursing assistant*" OR "nursing	117,364

attendant*" OR "nursing home caregiver*" OR "nursing home staff*" OR "nursing staff" OR ((paid OR formal OR professional) N2 (caregiver*)) OR "paid home car*" OR "paid caregiver*" OR "paid carer*" OR "patient care technician*" OR "personal assistance" OR "personal assistant*" OR "personal care aid*" OR "personal support worker*" OR "practical nurse*" OR (Residential N2 staff*) OR "respite worker*" OR ("Social service" N0 (staff OR workforce)) OR "support aid*" OR "Support staff" OR "support worker*" OR "support professional*" OR "unlicensed service provider*" OR "untrained staff" OR "welfare professional*" OR ("Workforce development" N5 care))	
TI (Staff)	29,070
AB(Community* N2 (staff* or worker*))	6,031
AB(unlicensed N2 (aide* or nurse* or person* or staff OR "health personnel"))	284
1 OR 2 OR 3 OR 4 OR 5	330,069
<b>Setting: home care, nursing homes, residential facilities etc</b>	
MH "Community Health Nursing" OR MH "Home Health Care" OR MM "Home Health Agencies" OR MH "Home Visits" OR MH "Housing" OR MH "Housing for Older Persons" MH "Nursing Homes" OR MH "Residential Care" OR MH "Residential Facilities"	81,787
TI("adult center*" OR "adult day care" OR "adult day center*" OR "adult day service cent*" OR "adult day program*" OR "adult service program*" OR "aged care setting*" OR "assisted living" OR "Care facilit*" OR "care home*" OR "Care in the home" OR "community care" OR "day cent*" OR "disability service*" OR "domiciliary care" OR "domiciliary support" OR "elderly care" or eldercare or "elder care" OR "elderly resident*" OR "Group home*" OR "Group housing" OR "health services for the aged" OR "home care" OR "home health care" OR "home healthcare" OR "home health service*" OR "home resident*" OR "home-visit nursing service*" OR "homecare OR "Hospital in the Home" OR "housing service*" OR "ID Setting*" OR "intellectual disability setting*" OR "in-home care" OR "In home support" OR "institutional care" OR "institutional long-term care" OR "Institutionalization" OR "living facilit*" OR "Long-Term Care Facilit*" OR "nursing home*" OR ((old* OR elderly) N5 "living at home") OR "out-of-family residential" OR "out-of-hospital" OR "patient* at home" OR "patient's home*" OR ("residential N1 care") OR "residential home*" OR "residential service*" OR ((("Respite care" OR "respite program*" OR "respite service*" OR "respite provider system" OR "Family-Based Respite" OR "short break provision") N7 (child* OR "special need*" OR disabil*)) OR "senior cent*" OR "service housing" OR "Socio-health center*" OR "staffed housing" OR "specially adapted housing" OR "supported accommodation" OR "supported housing" OR "supported living" OR "welfare service*" OR (Community* N2 (living OR dwelling OR residing OR setting OR service*)) OR AB("adult center*" OR "adult day care" OR "adult day center*" OR "adult day program*" OR "adult service program*" OR "adult day service cent*" OR "aged care setting*" OR "assisted living" OR "Care facilit*" OR "care home*" OR "Care in the home" OR "community care" OR ("day center*" OR "day centre*" OR "day program*") AND (senior OR aged OR elderly OR disabil* OR old* OR adult*)) OR "disability service*" OR "domiciliary care" OR "domiciliary support" OR "elderly care" or eldercare or "elder care" OR "elderly resident*" OR "Group home*" OR "Group housing" OR "health services for the aged" OR "home care" OR "home health care" OR "home healthcare" OR "home health service*" OR "home resident*" OR "home-visit nursing service*" OR "homecare OR "Hospital in the Home" OR "housing service*" OR "ID Setting*" OR "intellectual disability setting*" OR "in-home care" OR "In home support" OR "institutional care" OR "institutional long-term care" OR "Institutionalization" OR "living facilit*" OR "Long-Term Care Facilit*" OR "nursing home*" OR ((old* OR elderly) N5 "living at home") OR "out-of-family residential" OR "out-of-hospital" OR "patient* at home" OR "patient's home*" OR ("residential N1 care") OR "residential home*" OR "residential service*" OR ((("Respite care" OR "respite program*" OR "respite service*" OR "respite provider system" OR "Family-Based Respite" OR "short break provision") N7 (child* OR "special need*" OR disabil*)) OR "senior cent*" OR "service housing" OR "Socio-health center*" OR "staffed housing" OR "specially adapted housing" OR "supported accommodation" OR "supported housing" OR "supported living" OR "welfare service*" OR (Community* N2 (living OR dwelling OR residing OR setting OR service*))	232,159
7 OR 8	245,016

<b>Type of care recipient: elderly persons, persons with disabilities etc</b>	
MH "Aged" OR MH "Dementia" OR MH "Dementia Patients" OR MH "Dementia, Senile" OR MH "Frail Elderly" OR MH "Intellectual Disability" OR MH "Nursing Home Residents" OR MH "Persons with Disabilities" OR MH "Persons with Intellectual Disabilities"	1,025,796
TI ("Chronic condition*" OR "care recipient*" OR dementia OR disabled OR disability OR disabilities OR "Disability service*" OR "intellectual disability*" OR "profound intellectual and multiple disability*" OR "physical disability*" OR resident* OR "severe chronic illness*" OR "severe disability*" OR "severe impairment*" OR severe neurological disorder*) OR AB ("Chronic condition*" OR "care recipient*" OR dementia OR disabled OR disability OR disabilities OR "Disability service*" OR "intellectual disability*" OR "profound intellectual and multiple disability*" OR "physical disability*" OR resident* OR "severe chronic illness*" OR "severe disability*" OR "severe impairment*" OR severe neurological disorder* OR ("home care" OR "nursing home") N (recipient* OR resident* OR patient*))	290,488
10 OR 11	1,173,637
<b>Clinical deterioration</b>	
MH "Clinical Deterioration" OR MH "Decision Making" OR MH "Decision Support Techniques" OR MH "Early Warning Score" OR (MH "Signs and Symptoms" AND MH "Risk Assessment") OR (MH "Needs Assessment")	94,368
TX (((Identif* OR note OR noting OR monitor* OR react* OR recogni* OR respon* OR alert* OR manag* OR "early sign*" OR pattern*) N2 (deterior*)) OR ((detect* OR Identif* OR note OR noting OR monitor* OR recogni* OR respon* OR recogn* OR alert OR manag*) N2 (change*) N2 ("vital sign*" OR health OR condition)) OR ((Symptom* OR "risk factor*") N2 (awareness)) OR (react* N3 "changing need*") OR "change in condition report*" OR "deteriorating resident*")	9,830
13 OR 14	103,666
<b>Outcome: quality of health care, patient safety, staff experiences,</b>	
MM "Attitude of Health Personnel Evaluation" OR MH "Evaluation Research" OR MH "Nursing Skills" OR MH "Outcomes (Health Care)" OR MH "Outcomes of Education" OR MH "Professional Knowledge" OR MH "Patient Centered Care" OR MH "Patient Safety" OR MH "Quality Improvement" OR MH "Quality of Health Care" OR MH "Professional Knowledge Evaluation" OR MH "Risk Assessment" OR MH "Treatment Outcomes"	1,210,340
TI("accident prevention" OR (adverse* N2 patient*) OR "Emergency Treatment" OR "patient safety" OR "patient safeties" OR "safety culture" OR "safety management" OR "hazard management" OR "hazard control" OR "safety climate" OR "organizational culture") OR ((reduce* OR reduction* OR avoid* OR prevent OR unnecessary) N2 (admission* OR acute care transfer* OR hospitalization* OR hospitalization*)) OR "Unnecessary hospitalisation*" OR (Resident* N2 (outcome* OR improvement*)) OR (Improve* N1 (knowledge OR awareness)) OR (Prevent* N0 harm*) OR "Risk reduction*") OR AB ("accident prevention" OR (adverse* N2 patient*) OR "Emergency Treatment" OR "patient safety" OR "patient safeties" OR "safety culture" OR "safety management" OR "hazard management" OR "hazard control" OR "safety climate" OR "organizational culture") OR ((reduce* OR reduction* OR avoid* OR prevent OR unnecessary) N2 (admission* OR acute care transfer* OR hospitalization* OR hospitalization*)) OR "Unnecessary hospitalisation*" OR (Resident* N2 (outcome* OR improvement*)) OR (Improve* N1 (knowledge OR awareness)) OR (Prevent* N0 harm*) OR "Risk reduction*")	71,212
16 OR 17	1,240,406
<b>Study types: systematic reviews and meta-analyses</b>	
((((MH "Systematic Review" OR ZT "systematic review" OR MH "Meta Analysis" OR ZT "meta analysis" OR (JN "Cochrane Database of Systematic Reviews")) OR (TI (systematic* N3 review*)) OR (AB (systematic* N3 review*)) OR (TI (systematic* N3 bibliographic*)) OR (AB (systematic* N3 bibliographic*)) OR (TI (systematic* N3 literature)) OR (AB (systematic* N3 literature)) OR (TI (comprehensive* N3 literature)) OR (AB (comprehensive* N3 literature)) OR (TI (comprehensive* N3 bibliographic*)) OR (AB (comprehensive* N3 bibliographic*)) OR (TI (integrative N3 review)) OR (AB (integrative N3 review)) OR (TI (meta-analy* OR metaanaly*)) OR (AB (meta-analy* OR metaanaly*)) OR TI ("Systematic overview*" OR "systemic review*" OR "scoping review" OR "scoping literature review" OR "mapping review" OR "Umbrella review*" OR ("review of reviews" OR "overview of reviews") OR meta-review OR ("integrative overview" OR meta-synthesis OR metasynthesis OR	285,916

"quantitative review" OR "quantitative synthesis" OR meta-ethnography OR "research synthesis") OR "Systematic literature search" OR "Systematic literature research" OR "evidence-based review" OR "evidence synthesis") OR TI ("research overview*" OR "collaborative review*" OR "collaborative overview*" OR "technology assessment*" OR "technology overview*" OR "technology appraisal*" OR hta OR htas OR "methodological overview*" OR "methodologic overview*" OR "methodological review*" OR "methodologic review*" OR "quantitative overview*") OR AB ("research overview*" OR "collaborative review*" OR "collaborative overview*" OR "technology assessment*" OR "technology overview*" OR "technology appraisal*" OR hta OR htas OR "methodological overview*" OR "methodologic overview*" OR "methodological review*" OR "methodologic review*" OR "quantitative overview*")) NOT (MH "Case Studies" OR ZT "Commentary" OR ZT "Editorial" OR ZT "Letter"))	
<b>TI</b> ((systematic review AND qualitative) OR "evidence synthesis" OR "realist synthesis" OR (Qualitative N1 synthesis) OR "meta-synthesis*" OR "meta synthesis*" OR metasyntesis OR meta-ethnograph* OR metaethnograph* OR "meta ethnograph*" OR meta-study OR metastudy OR "meta study") OR AB ((systematic review AND qualitative) OR "evidence synthesis" OR "realist synthesis" OR (Qualitative N1 synthesis) OR "meta-synthesis*" OR "meta synthesis*" OR metasyntesis OR meta-ethnograph* OR metaethnograph* OR "meta ethnograph*" OR meta-study OR metastudy OR "meta study")	13,403
19 OR 20	286,941
<b>Combined sets:</b>	
6 AND (9 OR 12) AND 21	4,226
(6 OR 9 OR 12) AND 15 AND 21	1,579
9 AND 18 AND 21	2,982
22 OR 23 OR 24	7,663
<b>Final result</b>	
<b>25 AND Limiters - Language: Danish, English, Norwegian, Swedish</b>	<b>7,360</b>

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**AB** = Abstract; **AU** = Author; **DE** = Term from the thesaurus; **KW** (Available in Academic Search Premiere / SocINDEX / PsycInfo) = Author keyword; **MH** = Exact Subject Heading from CINAHL Subject Headings; **MM** = Major Concept; **SU** = Searches for a part of or an entire subject heading; **TI** = Title; **TX** = All Text. Performs a keyword search of all the database's searchable fields; **ZC** = Methodology Index; \* = Truncation; " " = Citation Marks; searches for an exact phrase; # = replaces one or no letters; ? = replaces one letter; **N** = Near Operator (N) finds the words if they are a maximum of x words apart from one another, regardless of the order in which they appear.; **W** = Within Operator (W) finds the words if they are within x words of one another, in the order in which you entered them

ERIC via EBSCO 20 March 2025

## Title: Interventions to formal caregivers

Search terms		Items found
<b>Population: formal caregivers (home care providers, care workers, other nursing staff)</b>		
1.	DE "Allied Health Personnel" OR DE "Home Health Aides" OR DE "Caregivers" OR DE "Staff Development"	19,009
	TI("assistant nurse*" OR "assistant staff" OR "assistive personnel" OR "care aid*" OR "care assistant*" OR (("Care home") N1 (worker* OR staff* OR aid* OR personel*)) OR "care assistant*" OR "care personnel" OR "care professional*" OR "care provider*" OR "care staff" OR "care work*" OR (caregiver* N1 formal) OR "caregiving aid*" OR "caregiving workforce" OR "community care staff" OR "community health care" OR "Community health worker*" OR "community nursing team*" OR "community staff" OR ("daily activit*" N1 staff*) OR "direct-care staff*" OR "Direct Service Personnel" OR "disability service staff" OR "domiciliary care*" OR "facilit* staff*" OR "Family therapist" OR "formal caregiver*" OR "health aid*" OR "Healthcare assistant*" OR "healthcare practitioner*" OR "home aid*" OR "homecare healthcare professionals" OR "homecare support services" OR "homecare support worker*" OR "homecare staff" OR "homecare professional*" OR "homecare provider*" OR "Homecare worker*" OR "homecare workforce" OR "home care provider*" OR "home health aid*" OR "home care provider*" OR "home care staff" OR "home care professional*" OR "home care provider*" OR "home care worker*" OR "home care workforce" OR homemaker* OR "house staff" OR "medical assistant*" OR "non-registered nurse*" OR "non-registered medical practitioner*" OR "non-registered practitioner*" OR "non-registered staff" OR "nurse* aid*" OR "nurses aid" OR "nurse* assistant*" OR "nursing assistant*" OR "nursing attendant*" OR "nursing home caregiver*" OR "nursing home staff*" OR "nursing staff" OR ((paid OR formal OR professional) N2 (caregiver*)) OR "paid home car*" OR "paid caregiver*" OR "paid carer*" OR "patient care technician*" OR "personal assistance" OR "personal assistant*" OR "personal care aid*" OR "personal support worker*" OR "practical nurse*" OR "respite worker*" OR "support aid*" OR "support worker*" OR "support professional*" OR "unlicensed service provider*" OR "welfare professional*") OR AB("assistant nurse*" OR "assistant staff" OR "assistive personnel" OR "care aid*" OR "care assistant*" OR (("Care home") N1 (worker* OR staff* OR aid* OR personel*)) OR "care assistant*" OR "care professional*" OR "care provider*" OR "care staff" OR "care work*" OR (caregiver* N1 formal) OR "caregiving aid*" OR "caregiving workforce" OR "community health care" OR "Community health worker*" OR "community nursing team*" OR "community staff" OR "direct-care staff*" OR "disability service staff" OR "domiciliary care*" OR "facilit* staff*" OR "formal caregiver*" OR "health aid*" OR "healthcare practitioner*" OR "home aid*" OR "homecare healthcare professionals" OR "homecare support services" OR "homecare support worker*" OR "homecare staff" OR "homecare professional*" OR "homecare provider*" OR "Homecare worker*" OR "homecare workforce" OR "home care provider*" OR "home health aid*" OR "home care provider*" OR "home care staff" OR "home care professional*" OR "home care provider*" OR "home care worker*" OR "home care workforce" OR homemaker* OR "house staff" OR "medical assistant*" OR "non-registered nurse*" OR "non-registered medical practitioner*" OR "non-registered practitioner*" OR "non-registered staff" OR "nurse* aid*" OR "nurses aid" OR "nurse* assistant*" OR "nursing assistant*" OR "nursing attendant*" OR "nursing home caregiver*" OR "nursing home staff*" OR "nursing staff" OR ((paid OR formal OR professional) N2 (caregiver*)) OR "paid home car*" OR "paid caregiver*" OR "paid carer*" OR "patient care technician*" OR "personal assistance" OR "personal assistant*" OR "personal care aid*" OR "personal support worker*" OR "practical nurse*" OR (Residential N2 staff*) OR "respite worker*" OR ("Social service" N0 (staff OR workforce)) OR "support aid*" OR "Support staff" OR "support worker*" OR "support professional*" OR "unlicensed service provider*" OR "untrained staff" OR "welfare professional*" OR ("Workforce development" N5 care))	12,017
	1 OR 2	29,540
<b>Setting: home care, nursing homes, residential facilities etc</b>		
	DE "Home Visits" OR DE "Nursing Homes" OR DE "Residential Institutions" OR DE "Residential Care" OR DE "Housing" OR DE "Group Homes"	9,285
	TI("adult center*" OR "adult day care" OR "adult day center*" OR "adult day service cent*")	32,056

OR "adult day program\*" OR "adult service program\*" OR "aged care setting\*" OR "assisted living" OR "Care facilit\*" OR "care home\*" OR "Care in the home" OR "community care" OR "day cent\*" OR "disability service\*" OR "domiciliary care" OR "domiciliary support" OR "elderly care" OR "eldercare" OR "elder care" OR "elderly resident\*" OR "Group home\*" OR "Group housing" OR "health services for the aged" OR "home care" OR "home health care" OR "home healthcare" OR "home health service\*" OR "home resident\*" OR "home-visit nursing service\*" OR "homecare" OR "Hospital in the Home" OR "housing service\*" OR "ID Setting\*" OR "intellectual disability setting\*" OR "in-home care" OR "In home support" OR "institutional care" OR "institutional long-term care" OR "Institutionalization" OR "living facilit\*" OR "Long-Term Care Facilit\*" OR "nursing home\*" OR ((old\* OR elderly) N5 "living at home") OR "out-of-family residential" OR "out-of-hospital" OR "patient\* at home" OR "patient's home\*" OR ("residential N1 care") OR "residential home\*" OR "residential service\*" OR (("Respite care" OR "respite program\*" OR "respite service\*" OR "respite provider system" OR "Family-Based Respite" OR "short break provision") N7 (child\* OR "special need\*" OR "disabil\*")) OR "senior cent\*" OR "service housing" OR "Socio-health center\*" OR "staffed housing" OR "specially adapted housing" OR "supported accommodation" OR "supported housing" OR "supported living" OR "welfare service\*" OR (Community\* N2 (living OR dwelling OR residing OR setting OR service\*)) OR AB("adult center\*" OR "adult day care" OR "adult day center\*" OR "adult day program\*" OR "adult service program\*" OR "adult day service cent\*" OR "aged care setting\*" OR "assisted living" OR "Care facilit\*" OR "care home\*" OR "Care in the home" OR "community care" OR ("day center\*" OR "day centre\*" OR "day program\*")) AND (senior OR aged OR elderly OR "disabil\*" OR old\* OR adult\*) OR "disability service\*" OR "domiciliary care" OR "domiciliary support" OR "elderly care" OR "eldercare" OR "elder care" OR "elderly resident\*" OR "Group home\*" OR "Group housing" OR "health services for the aged" OR "home care" OR "home health care" OR "home healthcare" OR "home health service\*" OR "home resident\*" OR "home-visit nursing service\*" OR "homecare" OR "Hospital in the Home" OR "housing service\*" OR "ID Setting\*" OR "intellectual disability setting\*" OR "in-home care" OR "In home support" OR "institutional care" OR "institutional long-term care" OR "Institutionalization" OR "living facilit\*" OR "Long-Term Care Facilit\*" OR "nursing home\*" OR ((old\* OR elderly) N5 "living at home") OR "out-of-family residential" OR "out-of-hospital" OR "patient\* at home" OR "patient's home\*" OR ("residential N1 care") OR "residential home\*" OR "residential service\*" OR (("Respite care" OR "respite program\*" OR "respite service\*" OR "respite provider system" OR "Family-Based Respite" OR "short break provision") N7 (child\* OR "special need\*" OR "disabil\*")) OR "senior cent\*" OR "service housing" OR "Socio-health center\*" OR "staffed housing" OR "specially adapted housing" OR "supported accommodation" OR "supported housing" OR "supported living" OR "welfare service\*" OR (Community\* N2 (living OR dwelling OR residing OR setting OR service\*))

4 OR 5

38,067

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**Type of care recipient: elderly persons, persons with disabilities etc**


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DE "Intellectual Disability" OR DE "Severe Intellectual Disability" OR DE "Dementia" OR DE "Older Adults" OR DE "Disabilities" OR DE "Multiple Disabilities" OR DE "Physical Disabilities" OR DE "Severe Disabilities" OR DE "Mental Retardation"

81,296

TI ("Chronic condition\*" OR "care recipient\*" OR dementia OR disabled OR disability OR disabilities OR "Disability service\*" OR "intellectual disabilit\*" OR "profound intellectual and multiple disabilit\*" OR "physical disabilit\*" OR resident\* OR "severe chronic illness\*" OR "severe disabilit\*" OR "severe impairment\*" OR severe neurological disorder\*) OR AB ("Chronic condition\*" OR "care recipient\*" OR dementia OR disabled OR disability OR disabilities OR "Disability service\*" OR "intellectual disabilit\*" OR "profound intellectual and multiple disabilit\*" OR "physical disabilit\*" OR resident\* OR "severe chronic illness\*" OR "severe disabilit\*" OR "severe impairment\*" OR severe neurological disorder\* OR ("home care" OR "nursing home") N (recipient\* OR resident\* OR patient\*))

91,384

7 OR 8

134,473

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**Study types: systematic reviews and meta-analyses**


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((((MH "Systematic Review" OR ZT "systematic review" OR MH "Meta Analysis" OR ZT "meta analysis" OR (JN "Cochrane Database of Systematic Reviews")) OR (TI (systematic\* N3 review\*)) OR (AB (systematic\* N3 review\*)) OR (TI (systematic\* N3 bibliographic\*)) OR (AB (systematic\* N3 bibliographic\*)) OR (TI (systematic\* N3 literature)) OR (AB (systematic\* N3 literature)) OR (TI (comprehensive\* N3 literature)) OR (AB (comprehensive\* N3 literature))

17,896



OR (TI (comprehensive* N3 bibliographic*)) OR (AB (comprehensive* N3 bibliographic*)) OR (TI (integrative N3 review)) OR (AB (integrative N3 review)) OR (TI (meta-analy* OR metaanaly*)) OR (AB (meta-analy* OR metaanaly*)) OR TI ("Systematic overview*" OR "systemic review*" OR "scoping review" OR "scoping literature review" OR "mapping review" OR "Umbrella review*" OR ("review of reviews" OR "overview of reviews") OR meta-review OR ("integrative overview" OR meta-synthesis OR metasynthesis OR "quantitative review" OR "quantitative synthesis" OR meta-ethnography OR "research synthesis") OR "Systematic literature search" OR "Systematic literature research" OR "evidence-based review" OR "evidence synthesis") OR TI ("research overview*" OR "collaborative review*" OR "collaborative overview*" OR "technology assessment*" OR "technology overview*" OR "technology appraisal*" OR hta OR htas OR "methodological overview*" OR "methodologic overview*" OR "methodological review*" OR "methodologic review*" OR "quantitative overview*")) NOT (MH "Case Studies" OR ZT "Commentary" OR ZT "Editorial" OR ZT "Letter"))	
<b>TI</b> ((systematic review AND qualitative) OR "evidence synthesis" OR "realist synthesis" OR (Qualitative N1 synthesis) OR "meta-synthesis*" OR "meta synthesis*" OR metasynthesis OR meta-ethnograph* OR metaethnograph* OR "meta ethnograph*" OR meta-study OR metastudy OR "meta study") OR <b>AB</b> ((systematic review AND qualitative) OR "evidence synthesis" OR "realist synthesis" OR (Qualitative N1 synthesis) OR "meta-synthesis*" OR "meta synthesis*" OR metasynthesis OR meta-ethnograph* OR metaethnograph* OR "meta ethnograph*" OR meta-study OR metastudy OR "meta study")	1,383
<i>10 OR 11</i>	<i>18,173</i>
<b>Combined sets:</b>	
3 AND (6 OR 9) AND 12	112
<b>Final result</b>	
<b>13 AND Limiters - Language: Danish, English, Norwegian, Swedish</b>	<b>112</b>

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**AB** = Abstract; **AU** = Author; **DE** = Term from the thesaurus; **KW** (Available in Academic Search Premiere / SocINDEX / PsycInfo) = Author keyword; **MH** = Exact Subject Heading from CINAHL Subject Headings; **MM** = Major Concept; **SU** = Searches for a part of or an entire subject heading; **TI** = Title; **TX** = All Text. Performs a keyword search of all the database's searchable fields; **ZC** = Methodology Index; \* = Truncation; " " = Citation Marks; searches for an exact phrase; # = replaces one or no letters; ? = replaces one letter; **N** = Near Operator (N) finds the words if they are a maximum of x words apart from one another, regardless of the order in which they appear.; **W** = Within Operator (W) finds the words if they are within x words of one another, in the order in which you entered them

International HTA-database 20 March 2025

Title: Interventions to formal caregivers

Search terms	Items found
<b>Population: formal caregivers (home care providers, care workers etc)</b>	
1. "Home Health Aides"[mh] OR "Caregivers"[mh] OR "Health Personnel"[mh] OR "Homemaker Services" [mh] OR "Nursing Assistants"[mh] OR "Allied Health Personnel"[mh] OR "Community Health Workers"[mh] OR "Patient Care Team"[mh] OR "Nursing, Team"[mh]	178
TI ("assistant nurse*" OR "assistant staff" OR "assistive personnel" OR "care aid*" OR "care assistant*" OR "Care home worker*" OR "care home staff*" OR "care home aid*" OR "care home personnel*" OR "care assistant*" OR "care personnel" OR "care professional*" OR "care provider*" OR "care staff" OR "care work*" OR "formal caregiver*" OR "caregiving aid*" OR "caregiving workforce" OR "community health care" OR "Community health worker*" OR "community nursing team*" OR "community staff" OR "direct-care staff*" OR "disability service staff" OR "domiciliary care*" OR "facilit* staff*" OR "Family therapist" OR "formal caregiver*" OR "health aid*" OR "healthcare assistant*" OR "healthcare practitioner*" OR "home aid*" OR "homecare healthcare professionals" OR "homecare support services" OR "homecare support worker*" OR "homecare staff" OR "homecare professional*" OR "homecare provider*" OR "Homecare worker*" OR "homecare workforce" OR "home care provider*" OR "home health aid*" OR "home care provider*" OR "home care staff" OR "home care professional*" OR "home care provider*" OR "home care worker*" OR "home care workforce" OR homemaker* OR "house staff" OR "medical assistant*" OR "non-registered nurse*" OR "non-registered medical practitioner*" OR "non-registered practitioner*" OR "non-registered staff" OR "nurse* aid*" OR "nurses aid" OR "nurse* assistant*" OR "nursing assistant*" OR "nursing attendant*" OR "nursing home caregiver*" OR "nursing home staff*" OR "nursing staff" OR "paid caregiver*" OR "employed caregiver*" OR "professional caregiver*" OR "paid home car*" OR "paid caregiver*" OR "paid carer*" OR "personal assistance" OR "personal assistant*" OR "personal care aid*" OR "personal support worker*" OR "practical nurse*" OR "Residential staff*" OR "respite worker*" OR "service personnel" OR "Social service staff" OR "social service workforce" OR "support aid*" OR "Support staff" OR "support worker*" OR "support professional*" OR "unlicensed service provider*" OR "untrained staff" OR "welfare professional*" )	5381
1 OR 2	18268
<b>Setting: home care, nursing homes, residential facilities etc</b>	
"Nursing Homes"[mh] or "Home Care Services"[mh] or "Homemaker Services"[mh] or "Home Care Services, Hospital-Based"[mh] or "Home Nursing"[mh] or "Residential Facilities"[mh] or "Assisted Living Facilities"[mh] or "Group Homes"[mh] or "Homes for the Aged"[mh] or "Community Health Services"[mh] or "Community Mental Health Services"[mh] or "Housing"[mh] or "Health services for persons with disabilities"[mh] or "Health services for the aged"[mh] or "Independent Living"[mh] or "Developmental Disability Nursing"[mh] or "Housing for the Elderly"[mh] or "Adult Day Care Centers"[mh] or "Senior Centers"[mh] or "Community Health Nursing"[mh]	285
TI ("adult center*" OR "adult day care" OR "adult day center*" OR "adult day service center*" OR "adult day program*" OR "adult service program*" OR "aged care setting*" OR "assisted living" OR "Care facilit*" OR "care home*" OR "Care in the home" OR "Community Care" OR "disability service" OR "domiciliary care" OR "domiciliary support" OR "elderly care" or eldercare or "elder care" OR "elderly resident*" OR "Group home*" OR "Group housing" OR "health services for the aged" OR "home care" OR "home health care" OR "home healthcare" OR "home health service*" OR "home resident*" OR "home-visit nursing service*" OR homecare OR "Hospital in the Home" OR "housing service*" OR "ID Setting" OR "intellectual disability setting*" OR "in-home care" OR "In home support" OR "institutional care" OR "institutional long-term care" OR "Institutionalization" OR "living facilit*" OR "Long-Term Care Facilit*" OR "nursing home*" OR "out-of-family residential" OR "out-of-hospital" OR "patient* at home" OR "patient's home*" OR "residential care" OR "residential facilit*" OR "residential home*" OR "residential service*" OR ("Respite care" OR "respite program*" OR "respite service*" OR "respite provider system" OR "family-Based Respite" OR "short break provision") AND (child* OR "special need*" OR disabil*)) OR	9161



"senior cent*" OR "service housing" OR "Socio-health center*" OR "specially adapted housing" OR "staffed housing" OR "supported accommodation" OR "supported housing" OR "supported living" OR "welfare service*")	
4 OR 5	389
<b>Type of care recipient</b>	
Aged[mhe] OR Chronic Disease[mh] OR Dementia[mh] OR Disabled Children[mh] OR "Intellectual Disability"[mhe] OR "Disabled Persons" [mh] OR "Persons with Mental Disabilities" [mh] OR Frailty[mh]	3500
TI ("Chronic condition*" OR "care recipient*" OR dementia OR "disability service*" OR "intellectual disabilit*" OR "profound intellectual and multiple disabilit*" or "physical disabilit*" OR resident* OR "severe chronic illness*" OR "severe disabilit*" or "severe impairment*" OR "severe neurological disorder*")	143
7 OR 8	3521
<b>Combined sets</b>	
6 OR 9	3738
3 AND 10	18287
<b>Final result</b>	
1 AND 10	57

The final search result, usually found at the end of the documentation, forms the list of abstracts.

Medline via OvidSP 20 March 2025

Title: Interventions to formal caregivers: a multi-stranded approach

Search terms	Items found
<b>Population: formal caregivers (home care providers, care workers etc)</b>	
1. Home Health Aides/ OR Caregivers/ OR Health Personnel/ OR Homemaker Services/ OR Nursing Assistants/ OR Allied Health Personnel/ OR Community Health Workers/ OR "Patient Care Team"/ OR "Nursing, Team"/	216975
("assistant nurse*" OR "assistant staff" OR "assistive personnel" OR "care aid*" OR "care assistant*" OR ("Care home") ADJ (worker* OR staff* OR aid* OR personnel*)) OR "care assistant*" OR "care personnel" OR "care professional*" OR "care provider*" OR "care staff" OR "care work*" OR (caregiver* ADJ1 formal) OR "caregiving aid*" OR "caregiving workforce" OR "community health care" OR "Community health worker*" OR "community nursing team*" OR "community staff" OR ("daily activit*" ADJ1 staff*) OR "direct-care staff*" OR "disability service staff" OR "domiciliary care*" OR "facilit* staff*" OR "Family therapist" OR "formal caregiver*" OR "health aid*" OR "healthcare assistant*" OR "healthcare practitioner*" OR "home aid*" OR "homecare healthcare professionals" OR "homecare support services" OR "homecare support worker*" OR "homecare staff" OR "homecare professional*" OR "homecare provider*" OR "Homecare worker*" OR "homecare workforce" OR "home care provider*" OR "home health aid*" OR "home care provider*" OR "home care staff" OR "home care professional*" OR "home care provider*" OR "home care worker*" OR "home care workforce" OR homemaker* OR "house staff" OR "medical assistant*" OR "non-registered nurse*" OR "non-registered medical practitioner*" OR "non-registered practitioner*" OR "non-registered staff" OR "nurse* aid*" OR "nurses aid" OR "nurse* assistant*" OR "nursing assistant*" OR "nursing attendant*" OR "nursing home caregiver*" OR "nursing home staff*" OR "nursing staff" OR ((paid OR employed OR formal OR professional) ADJ2 (caregiver*)) OR "paid home car*" OR "paid caregiver*" OR "paid carer*" OR "patient care technician*" OR "personal assistance" OR "personal assistant*" OR "personal care aid*" OR "personal support worker*" OR "practical nurse*" OR (Residential ADJ2 staff*) OR "respite worker*" OR "service personnel" OR ("Social service" ADJ (staff OR workforce)) OR "support aid*" OR "Support staff" OR "support worker*" OR "support professional*" OR "unlicensed service provider*" OR "untrained staff" OR "welfare professional*" OR ("Workforce development" adj5 care)).ti,ab,kf,bt.	172974
Staff.ti	28122
(Community* adj3 (staff* or worker*)).ti,ab,kf,bt.	13020
(unlicensed adj2 (aide* or nurse* or person* or staff OR "health personnel")).ti,ab,bt,kf	370
1 OR 2 OR 3 OR 4 OR 5	381651
<b>Setting: home care, nursing homes, residential facilities etc</b>	
"Nursing Homes"/ or "Home Care Services"/ or "Homemaker Services"/ or "Home Care Services, Hospital-Based"/ or "Home Nursing"/ or "Residential Facilities"/ or "Assisted Living Facilities"/ or "Group Homes"/ or "Homes for the Aged"/ or "Community Health Services"/ or "Community Mental Health Services"/ or "Housing"/ or "Health services for persons with disabilities"/ or "Health services for the aged"/ or "Independent Living"/ or "Developmental Disability Nursing"/ or "Housing for the Elderly"/ or "Adult Day Care Centers"/ or "Senior Centers"/ or "Community Health Nursing"/	432403
("adult center*" OR "adult day care" OR "adult day center*" OR "adult day service center*" OR "adult day program*" OR "adult service program*" OR "aged care setting*" OR "assisted living" OR "Care facilit*" OR "care home*" OR "Care in the home" OR "Community Care" OR ("day center*" OR "day centre*" OR "day program*") ADJ5 (senior OR aged OR elderly OR disabil* OR old* OR adult*)) OR "disability service" OR "domiciliary care" OR "domiciliary support" OR "elderly care" or eldercare or "elder care" OR "elderly resident*" OR "Group home*" OR "Group housing" OR "health services for the aged" OR "home care" OR "home health care" OR "home healthcare" OR "home health service*" OR "home resident*" OR "home-visit nursing service*" OR homecare OR "Hospital in the Home" OR "housing service*" OR "ID Setting" OR "intellectual disability setting*" OR "in-home care" OR "In home support" OR "institutional care" OR "institutional long-term care" OR "Institutionalization" OR "living facilit*" OR "Long-Term Care Facilit*" OR "nursing home*" OR (old* ADJ5 "living at home") OR "out-of-family residential" OR "out-of-hospital" OR "patient* at home" OR "patient's home*" OR (residential ADJ1 care) OR "residential facilit*" OR "residential home*" OR	154448

"residential service*" OR ("Respite care" OR "respite program*" OR "respite service*" OR "respite provider system" OR "Family-Based Respite" OR "short break provision") ADJ7 (child* OR "special need*" OR disabil*) OR "senior cent*" OR "service housing" OR "Socio-health center*" OR "specially adapted housing" OR "staffed housing" OR "supported accommodation" OR "supported housing" OR "supported living" OR "welfare service*).ti,ab,bt,kf. OR (Community* ADJ2 (living OR dwelling OR residing OR setting OR service*).ti,ab,bt,kf. OR ("home care" OR "nursing home") ADJ (recipient* OR resident* OR patient*).ti,ab,bt,kf.	
7 OR 8	522307
<b>Type of care recipient</b>	
Exp Aged/ OR Chronic Disease/ OR Dementia/ OR Disabled Children/ OR Exp "Intellectual Disability"/ OR Disabled Persons/ OR Persons with Mental Disabilities/ OR Frailty/	3950790
("Chronic condition*" OR "care recipient*" OR dementia OR "Disability service*" OR "intellectual disabilit*" OR "profound intellectual and multiple disabilit*" or "physical disabilit*" OR resident* OR "severe chronic illness*" OR "severe disabilit*" or "severe impairment*" OR severe neurological disorder*).ti,ab,bt,kf. OR disabled.ti OR disability.ti OR disabilities.ti	380765
10 OR 11	4210835
<b>Detecting deteriorating health</b>	
Clinical Deterioration/ OR "Patient Acuity"/ OR Needs assessment/	16336
((Identif* OR note OR noting OR monitor* OR react* OR recogni* OR respon* OR alert* OR manag* OR "early sign*" OR pattern*) ADJ2 (deterior*).ti,ab,kf,bt. OR ((detect* OR Identif* OR note OR noting OR monitor* OR recogni* OR respon* OR recogn* OR alert OR manag*) ADJ2 (change*) ADJ2 ("vital sign*" OR health OR condition).ti,ab,kf,bt. OR ((Symptom* OR "risk factor*") ADJ2 (awareness).ti,ab,kf,bt OR "change in condition report*".ti,ab,kf,bt. OR (react* ADJ3 "changing need*).ti,ab,kf,bt	
13 OR 14	
<b>Outcome: quality of health care, patient safety, staff experiences,</b>	
Safety Management / OR Quality Assurance, Health Care/ OR Hospitalization/ OR Medical Errors/pc OR "Clinical Competence"/ OR Patient Safety/ OR Patient Admission/ OR "Health Knowledge, Attitudes, Practice"/ OR Patient-Centered Care/ OR Quality of Health Care/	
Emergency Treatment.ti,ab. OR ("patient safety" OR "patient safeties" OR "safety culture" OR "safety management" OR "hazard management" OR "hazard control" OR "accident prevention" OR "safety climate" OR "organizational culture").ti,ab,bt,kf. OR (adverse* adj2 patient*).ti,ab,bt,kf. OR ((reduce* OR reduction* OR avoid* OR prevent OR unnecessary) ADJ2 (admission* OR acute care transfer* OR hospitalization* OR hospitalization*).ti,ab,bt,kf. OR ("Unnecessary hospitalisation*" OR (Resident* ADJ2 (outcome* OR improvement*)) OR (Prevent* ADJ harm*) OR "Risk reduction*).ti,ab,bt,kf.	
16 OR 17	
<b>Study types: systematic reviews and meta-analyses</b>	
((Systematic Review/ or Meta-Analysis/ or Cochrane Database Syst Rev.ja. or Meta-Analysis as Topic/ or Network Meta-Analysis/ or Technology Assessment, Biomedical/ or Systematic Reviews as Topic/ or ((systematic* adj4 review*) or (systematic* adj4 bibliographic*) or (systematic* adj4 literature) or (comprehensive* adj4 literature) or (comprehensive* adj4 bibliographic*) or (integrative adj4 review) or (integrative adj4 review) or (meta-analy* or metaanaly*) or (information adj3 synthesis) or (data adj3 synthesis) or (data adj3 extract*) or (medline or pubmed or psyclit or cinahl or (psycinfo not psycinfo database) or web of science or scopus or embase)).ab,bt,ti. or (systematic overview* or systemic review* or scoping review or scoping literature review or mapping review or umbrella review* or review of reviews or overview of reviews or meta-review or integrative overview or meta-synthesis or metasyntesis or quantitative review or quantitative synthesis or meta-ethnography or research synthesis or systematic literature search or systematic literature research or evidence-based review or evidence synthesis).bt,ti. or (research overview* or collaborative review* or collaborative overview* or technology assessment* or technology overview* or technology appraisal* or hta or htas or methodological overview* or methodologic overview* or methodological review* or methodologic review* or quantitative overview*).ab,bt,ti.) NOT (Editorial/ or Letter/ or Case Reports/))	734231

((systematic review AND qualitative) OR "evidence synthesis" OR "realist synthesis" OR (Qualitative Adj1 synthesis) OR "meta-synthesis*" OR "meta synthesis*" OR metasynthesis OR meta-ethnograph* OR metaethnograph* OR "meta ethnograph*" OR meta-study OR metastudy OR "meta study").ti,ab	28969
15 OR 16	739386
<b>Combined sets</b>	
6 AND (9 OR 12) AND 21	5657
(6 OR 9 OR 12) AND 15 AND 21	577
9 AND 18 AND 21	1649
<b>Final result</b>	
20 OR 21 OR 22	7340

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**.ab.** = Abstract; **.ab,ti.** = Abstract or title; **.af.** = All fields; **.bt.** = Book title; **exp** = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy; **.fs.** = Floating sub-heading, does not include terms found below this term in the MeSH hierarchy; **.kf.** = Author keyword; **.sh.** = Term from the Medline controlled vocabulary; **.ti.** = Title; **.xs.** = Floating sub-heading, includes terms found below this term in the MeSH hierarchy; **/** = Term from the Medline controlled vocabulary, but does not include terms found below this term in the MeSH hierarchy; **\*** = Focus (if found in front of a MeSH-term); **\* or \$** = Truncation (if found at the end of a free text term); **.mp.** = Text, heading word, subject area node, title; **" "** = Citation Marks; searches for an exact phrase; **adjn** = Positional operator that lets you retrieve records that contain your terms (in any order) within a specified number (n) of words of each other; **?** = replaces one or no letters; **#** = replaces one letter

PsycInfo via EBSCO 20 March 2025

## Title: Interventions to formal caregivers: a multi-stranded approach

Search terms		Items found
<b>Population: formal caregivers (home care providers, care workers, other nursing staff)</b>		
1.	DE "Caregivers" OR (DE "Direct Care Workers") OR DE "Health Personnel" OR DE "Home Care Personnel" OR DE "Institutional Attendants" OR DE "Paraprofessional Personnel"	77,486
	TI("assistant nurse*" OR "assistant staff" OR "assistive personnel" OR "care aid*" OR "care assistant*" OR (("Care home") N1 (worker* OR staff* OR aid* OR personel*)) OR "care assistant*" OR "care personnel" OR "care professional*" OR "care provider*" OR "care staff" OR "care work*" OR (caregiver* N1 formal) OR "caregiving aid*" OR "caregiving workforce" OR "community care staff" OR "community health care" OR "Community health worker*" OR "community nursing team*" OR "community staff" OR ("daily activit*" N1 staff*) OR "direct-care staff*" OR "Direct Service Personnel" OR "disability service staff" OR "domiciliary care*" OR "facilit* staff*" OR "Family therapist" OR "formal caregiver*" OR "health aid*" OR "Healthcare assistant*" OR "healthcare practitioner*" OR "home aid*" OR "homecare healthcare professionals" OR "homecare support services" OR "homecare support worker*" OR "homecare staff" OR "homecare professional*" OR "homecare provider*" OR "Homecare worker*" OR "homecare workforce" OR "home care provider*" OR "home health aid*" OR "home care provider*" OR "home care staff" OR "home care professional*" OR "home care provider*" OR "home care worker*" OR "home care workforce" OR homemaker* OR "house staff" OR "medical assistant*" OR "non-registered nurse*" OR "non-registered medical practitioner*" OR "non-registered practitioner*" OR "non-registered staff" OR "nurse* aid*" OR "nurses aid" OR "nurse* assistant*" OR "nursing assistant*" OR "nursing attendant*" OR "nursing home caregiver*" OR "nursing home staff*" OR "nursing staff" OR ((paid OR formal OR professional) N2 (caregiver*)) OR "paid home car*" OR "paid caregiver*" OR "paid carer*" OR "patient care technician*" OR "personal assistance" OR "personal assistant*" OR "personal care aid*" OR "personal support worker*" OR "practical nurse*" OR "respite worker*" OR "support aid*" OR "support worker*" OR "support professional*" OR "unlicensed service provider*" OR "welfare professional*" OR AB("assistant nurse*" OR "assistant staff" OR "assistive personnel" OR "care aid*" OR "care assistant*" OR (("Care home") N1 (worker* OR staff* OR aid* OR personel*)) OR "care assistant*" OR "care professional*" OR "care provider*" OR "care staff" OR "care work*" OR (caregiver* N1 formal) OR "caregiving aid*" OR "caregiving workforce" OR "community health care" OR "Community health worker*" OR "community nursing team*" OR "community staff" OR "direct-care staff*" OR "disability service staff" OR "domiciliary care*" OR "facilit* staff*" OR "formal caregiver*" OR "health aid*" OR "healthcare practitioner*" OR "home aid*" OR "homecare healthcare professionals" OR "homecare support services" OR "homecare support worker*" OR "homecare staff" OR "homecare professional*" OR "homecare provider*" OR "Homecare worker*" OR "homecare workforce" OR "home care provider*" OR "home health aid*" OR "home care provider*" OR "home care staff" OR "home care professional*" OR "home care provider*" OR "home care worker*" OR "home care workforce" OR homemaker* OR "house staff" OR "medical assistant*" OR "non-registered nurse*" OR "non-registered medical practitioner*" OR "non-registered practitioner*" OR "non-registered staff" OR "nurse* aid*" OR "nurses aid" OR "nurse* assistant*" OR "nursing assistant*" OR "nursing attendant*" OR "nursing home caregiver*" OR "nursing home staff*" OR "nursing staff" OR ((paid OR formal OR professional) N2 (caregiver*)) OR "paid home car*" OR "paid caregiver*" OR "paid carer*" OR "patient care technician*" OR "personal assistance" OR "personal assistant*" OR "personal care aid*" OR "personal support worker*" OR "practical nurse*" OR (Residential N2 staff*) OR "respite worker*" OR ("Social service" N0 (staff OR workforce)) OR "support aid*" OR "Support staff" OR "support worker*" OR "support professional*" OR "unlicensed service provider*" OR "untrained staff" OR "welfare professional*" OR ("Workforce development" N5 care))	62,882
	1 OR 2	126,851
<b>Setting: home care, nursing homes, residential facilities etc</b>		
	DE "Assisted Living" OR DE "Facilities" OR DE "Group Homes" OR DE "Home Care" OR DE "Home Environment" OR DE "Nursing Homes" OR DE "Residential Care Institutions"	46,098
	TI("adult center*" OR "adult day care" OR "adult day center*" OR "adult day service cent*")	197,396

OR "adult day program*" OR "adult service program*" OR "aged care setting*" OR "assisted living" OR "Care facilit*" OR "care home*" OR "Care in the home" OR "community care" OR "day cent*" OR "disability service*" OR "domiciliary care" OR "domiciliary support" OR "elderly care" or eldercare or "elder care" OR "elderly resident*" OR "Group home*" OR "Group housing" OR "health services for the aged" OR "home care" OR "home health care" OR "home healthcare" OR "home health service*" OR "home resident*" OR "home-visit nursing service*" OR homecare OR "Hospital in the Home" OR "housing service*" OR "ID Setting*" OR "intellectual disability setting*" OR "in-home care" OR "In home support" OR "institutional care" OR "institutional long-term care" OR "Institutionalization" OR "living facilit*" OR "Long-Term Care Facilit*" OR "nursing home*" OR ((old* OR elderly) N5 "living at home") OR "out-of-family residential" OR "out-of-hospital" OR "patient* at home" OR "patient's home*" OR ("residential N1 care") OR "residential home*" OR "residential service*" OR (("Respite care" OR "respite program*" OR "respite service*" OR "respite provider system" OR "Family-Based Respite" OR "short break provision") N7 (child* OR "special need*" OR disabil*)) OR "senior cent*" OR "service housing" OR "Socio-health center*" OR "staffed housing" OR "specially adapted housing" OR "supported accommodation" OR "supported housing" OR "supported living" OR "welfare service*" OR (Community* N2 (living OR dwelling OR residing OR setting OR service*)) OR AB("adult center*" OR "adult day care" OR "adult day center*" OR "adult day program*" OR "adult service program*" OR "adult day service cent*" OR "aged care setting*" OR "assisted living" OR "Care facilit*" OR "care home*" OR "Care in the home" OR "community care" OR ("day center*" OR "day centre*" OR "day program*") AND (senior OR aged OR elderly OR disabil* OR old* OR adult*)) OR "disability service*" OR "domiciliary care" OR "domiciliary support" OR "elderly care" or eldercare or "elder care" OR "elderly resident*" OR "Group home*" OR "Group housing" OR "health services for the aged" OR "home care" OR "home health care" OR "home healthcare" OR "home health service*" OR "home resident*" OR "home-visit nursing service*" OR homecare OR "Hospital in the Home" OR "housing service*" OR "ID Setting*" OR "intellectual disability setting*" OR "in-home care" OR "In home support" OR "institutional care" OR "institutional long-term care" OR "Institutionalization" OR "living facilit*" OR "Long-Term Care Facilit*" OR "nursing home*" OR ((old* OR elderly) N5 "living at home") OR "out-of-family residential" OR "out-of-hospital" OR "patient* at home" OR "patient's home*" OR ("residential N1 care") OR "residential home*" OR "residential service*" OR (("Respite care" OR "respite program*" OR "respite service*" OR "respite provider system" OR "Family-Based Respite" OR "short break provision") N7 (child* OR "special need*" OR disabil*)) OR "senior cent*" OR "service housing" OR "Socio-health center*" OR "staffed housing" OR "specially adapted housing" OR "supported accommodation" OR "supported housing" OR "supported living" OR "welfare service*" OR (Community* N2 (living OR dwelling OR residing OR setting OR service*))	
4 OR 5	213,248
<b>Type of care recipient: elderly persons, persons with disabilities etc</b>	
DE "Cognitive Impairment" OR DE "Dementia" OR DE "Developmental Disabilities" OR DE "Disabilities" OR DE "Down's Syndrome" OR DE "Elder Care" OR DE "Geriatric Patients" OR DE "Intellectual Development Disorder" OR DE "Mental Disorders" OR DE "Multiple Disabilities" OR DE "Nursing Home Residents"	339,580
TI ("Chronic condition*" OR "care recipient*" OR dementia OR disabled OR disability OR disabilities OR "Disability service*" OR "intellectual disabilit*" OR "profound intellectual and multiple disabilit*" or "physical disabilit*" OR resident* OR "severe chronic illness*" OR "severe disabilit*" or "severe impairment*" OR severe neurological disorder*) OR AB ("Chronic condition*" OR "care recipient*" OR dementia OR disabled OR disability OR disabilities OR "Disability service*" OR "intellectual disabilit*" OR "profound intellectual and multiple disabilit*" or "physical disabilit*" OR resident* OR "severe chronic illness*" OR "severe disabilit*" or "severe impairment*" OR severe neurological disorder* OR ("home care" OR "nursing home") N (recipient* OR resident* OR patient*))	315,488
7 OR 8	531,767
<b>Clinical deterioration</b>	
(DE "Disease Progression" AND (DE "Strategies" OR DE "Teamwork")) OR MA "clinical deterioration" OR DE "Health Impairments" OR (DE "Awareness" AND DE "Risk Factors") OR DE "Needs Assessment"	15,288



TX (((Identif* OR note OR noting OR monitor* OR react* OR recogni* OR respon* OR alert* OR manag* OR "early sign*" OR pattern*) N2 (deterior*)) OR ((detect* OR Identif* OR note OR noting OR monitor* OR recogni* OR respon* OR recogn* OR alert OR manag*) N2 (change*) N2 ("vital sign*" OR health OR condition)) OR ((Symptom* OR "risk factor*") N2 (awareness)) OR (react* N3 "changing need*") OR "change in condition report*" OR "deteriorating resident*")	2,501
10 OR 11	17,692
<b>Outcome: quality of health care, patient safety, staff experiences,</b>	
DE "Communication Skills" OR DE "Hospital Admission" OR DE "Patient Safety" OR DE "Quality of Care" OR DE "Treatment Outcomes" OR DE "Treatment Effectiveness Evaluation"	101,371
TI("accident prevention" OR (adverse* N2 patient*) OR "Emergency Treatment" OR "patient safety" OR "patient safeties" OR "safety culture" OR "safety management" OR "hazard management" OR "hazard control" OR "safety climate" OR "organizational culture") OR ((reduce* OR reduction* OR avoid* OR prevent OR unnecessary) N2 (admission* OR acute care transfer* OR hospitalization* OR hospitalization*)) OR "Unnecesary hospitalisation*" OR (Resident* N2 (outcome* OR improvement*)) OR (Improve* N1 (knowledge OR awareness)) OR (Prevent* N0 harm*) OR "Risk reduction*") OR AB ("accident prevention" OR (adverse* N2 patient*) OR "Emergency Treatment" OR "patient safety" OR "patient safeties" OR "safety culture" OR "safety management" OR "hazard management" OR "hazard control" OR "safety climate" OR "organizational culture") OR ((reduce* OR reduction* OR avoid* OR prevent OR unnecessary) N2 (admission* OR acute care transfer* OR hospitalization* OR hospitalization*)) OR "Unnecesary hospitalisation*" OR (Resident* N2 (outcome* OR improvement*)) OR (Improve* N1 (knowledge OR awareness)) OR (Prevent* N0 harm*) OR "Risk reduction*")	34,071
13 OR 14	131,687
<b>Study types: systematic reviews and meta-analyses</b>	
((DE "Meta Analysis" OR DE "Systematic Review" OR KW "health technology assessment" OR KW "Meta-analysis" OR KW "Systematic review" OR MA "Meta-Analysis" OR MA "Systematic Review" OR MA "Technology Assessment, Biomedical" OR MR "Meta Analysis" OR MR "Systematic Review") OR (TI (systematic* N3 review*)) OR (AB (systematic* N3 review*)) OR (TI (systematic* N3 bibliographic*)) OR (AB (systematic* N3 bibliographic*)) OR (TI (systematic* N3 literature)) OR (AB (systematic* N3 literature)) OR (TI (comprehensive* N3 literature)) OR (AB (comprehensive* N3 literature)) OR (TI (comprehensive* N3 bibliographic*)) OR (AB (comprehensive* N3 bibliographic*)) OR (TI (integrative N3 review)) OR (AB (integrative N3 review)) OR (TI (meta-analy* OR metaanaly*)) OR (AB (meta-analy* OR metaanaly*)) OR TI ("Systematic overview*" OR "systemic review*" OR "scoping review" OR "scoping literature review" OR "mapping review" OR "Umbrella review*" OR ("review of reviews" OR "overview of reviews") OR meta-review OR ("integrative overview" OR meta-synthesis OR metasynthesis OR "quantitative review" OR "quantitative synthesis" OR meta-ethnography OR "research synthesis") OR "Systematic literature search" OR "Systematic literature research" OR "evidence-based review" OR "evidence synthesis") OR TI ("research overview*" OR "collaborative review*" OR "collaborative overview*" OR "technology assessment*" OR "technology overview*" OR "technology appraisal*" OR hta OR htas OR "methodological overview*" OR "methodologic overview*" OR "methodological review*" OR "methodologic review*" OR "quantitative overview*") OR AB ("research overview*" OR "collaborative review*" OR "collaborative overview*" OR "technology assessment*" OR "technology overview*" OR "technology appraisal*" OR hta OR htas OR "methodological overview*" OR "methodologic overview*" OR "methodological review*" OR "methodologic review*" OR "quantitative overview*")) NOT (DE "Case Report"))	122,646
TI((systematic review AND qualitative) OR "evidence synthesis" OR "realist synthesis" OR (Qualitative N1 synthesis) OR "meta-synthesis*" OR "meta synthesis*" OR metasynthesis OR meta-ethnograph* OR metaethnograph* OR "meta ethnograph*" OR meta-study OR metastudy OR "meta study") OR AB ((systematic review AND qualitative) OR "evidence synthesis" OR "realist synthesis" OR (Qualitative N1 synthesis) OR "meta-synthesis*" OR "meta synthesis*" OR metasynthesis OR meta-ethnograph* OR metaethnograph* OR "meta ethnograph*" OR meta-study OR metastudy OR "meta study")	8,381
16 OR 17	123,453

<b>Combined sets:</b>	
3 AND (6 OR 9) AND 18	2,376
(3 OR 6 OR 9) AND 12 AND 18	278
6 AND 15 AND 18	767
19 OR 20 OR 21	3,300
<b>Final result</b>	
<b>22 AND Limiters - Language: Danish, English, Norwegian, Swedish</b>	<b>3,235</b>

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**AB** = Abstract; **AU** = Author; **DE** = Term from the thesaurus; **KW** (Available in Academic Search Premiere / SocINDEX / PsycInfo) = Author keyword; **MH** = Exact Subject Heading from CINAHL Subject Headings; **MM** = Major Concept; **SU** = Searches for a part of or an entire subject heading; **TI** = Title; **TX** = All Text. Performs a keyword search of all the database's searchable fields; **ZC** = Methodology Index; \* = Truncation; " " = Citation Marks; searches for an exact phrase; # = replaces one or no letters; ? = replaces one letter; **N** = Near Operator (N) finds the words if they are a maximum of x words apart from one another, regardless of the order in which they appear.; **W** = Within Operator (W) finds the words if they are within x words of one another, in the order in which you entered them

Scopus via Elsevier 20 March 2025

Title: Interventions to formal caregivers: a multi-stranded approach

Search terms	Items found
<b>Population: formal caregivers (home care providers, care workers etc)</b>	
1. TITLE-ABS-KEY ("assistant nurse*" OR "assistant staff" OR "assistive personnel" OR "care aid*" OR "care assistant*" OR (("Care home") W/0 (worker* OR staff* OR aid* OR personel*)) OR "care assistant*" OR "Care personnel" OR "care professional*" OR "care provider*" OR "care staff" OR "care work*" OR (caregiver* ADJ formal) OR "caregiving aid*" OR "caregiving workforce" OR "Community care staff" OR "community health care" OR "Community health worker*" OR "community nursing team*" OR "community staff" OR ("daily activities" W/1 staff*) OR "direct-care staff*" OR "disability service staff" OR "domiciliary care*" OR "facilit* staff*" OR "Family therapist" OR "formal caregiver*" OR "health aid*" OR "Healthcare assistant*" OR "healthcare practitioner*" OR "home aid*" OR "homecare healthcare professionals" OR "homecare support services" OR "homecare support worker*" OR "homecare staff" OR "homecare professional*" OR "homecare provider*" OR "Homecare worker*" OR "homecare workforce" OR "home care provider*" OR "home health aid*" OR "home care provider*" OR "home care staff" OR "home care professional*" OR "home care provider*" OR "home care worker*" OR "home care workforce" OR homemaker* OR "house staff" OR "medical assistant*" OR "non-registered nurse*" OR "non-registered medical practitioner*" OR "non-registered practitioner*" OR "non-registered staff" OR "nurse* aid*" OR "nurses aid" OR "nursing assistant*" OR "nursing attendant*" OR "nursing home caregiver*" OR "nursing home staff*" OR "nursing staff" OR ((paid OR employed OR formal OR professional) W/2 (caregiver*)) OR "paid home car*" OR "paid caregiver*" OR "paid carer*" OR "patient care technician*" OR "personal assistance" OR "personal assistant*" OR "personal care aid*" OR "personal support worker*" OR "practical nurse*" OR (Residential W/2 staff*) OR "respite worker*" OR ("Social service" W/0 (staff OR workforce)) OR "support aid*" OR "Support staff" OR "support worker*" OR "support professional*" OR "unlicensed service provider*" OR "untrained staff" OR "welfare professional*" OR ("Workforce development" W/5 care))	512,350
<b>Setting: home care, nursing homes, residential facilities etc</b>	
TITLE-ABS-KEY ("adult center*" OR "adult day care" OR "adult day center*" OR "adult day service cent*" OR "adult day program*" OR "adult service program*" OR "aged care setting*" OR "assisted living" OR "care home*" OR "Care facilit*" OR "Care in the home" OR ("Day cent*" W/3 (old* OR adult* OR disabl* OR elderly)) OR "disability service*" OR "domiciliary care" OR "domiciliary support" OR "elderly care" or eldercare or "elder care" OR "elderly resident*" OR "Group home*" OR "Group housing" OR "health services for the aged" OR "home care" OR "home health care" OR "home healthcare" OR "home health service*" OR "home resident*" OR "home-visit nursing service*" OR "homecare OR "Hospital in the Home" OR "housing service*" OR "in-home care" OR "In home support" OR "institutional care" OR "institutional long-term care" OR "Institutionalization" OR "intellectual disability setting*" OR "ID Setting*" OR "living facilit*" OR "Long-Term Care Facilit*" OR "nursing home*" OR ((old* OR elderly OR senior*) W/5 ("living at home")) OR "out-of-family residential" OR "out-of-hospital" OR "patient* at home" OR "patient's home*" OR ("residential W/1 care") OR "residential home*" OR "residential service*" OR (Residence W/1 "special service*") OR ("Respite care" OR "respite program*" OR "respite service*" OR "respite provider system" OR "Family-Based Respite " OR "short break provision") W/7 (child* OR "special need*" OR disabil*)) OR "senior cent*" OR "service housing " OR "Socio-health cent*" OR "specially adapted housing" OR "staffed housing" OR "supported accommodation" OR "supported housing" OR "supported living" OR "welfare service*" OR (Community* W/2 (living OR dwelling OR residing OR setting OR service*)) OR (("home care" OR "nursing home") W/0 (recipient* OR resident* OR patient*))	601
<b>Type of care recipient</b>	
TITLE-ABS-KEY ("Chronic condition*" OR "care recipient*" OR dementia OR "Disability service*" OR "intellectual disabilit*" OR "profound intellectual and multiple disabilit*" or "physical disabilit*" OR resident* OR "severe chronic illness*" OR "severe disabilit*" or "severe impairment*" OR severe neurological disorder*) OR TITLE (disabled OR disability OR disabilities)	158,874

<b>Clinical Deterioration</b>	
TITLE-ABS-KEY (((Identif* OR note OR noting OR monitor* OR react* OR recogni* OR respon* OR alert* OR manag* OR "early sign*" OR pattern*) W/2 (deterior*)) OR ((Identif* OR note OR noting OR monitor* OR recogni* OR respon* OR recogn* OR alert OR manag*) W/2 (change*) W/2 ("vital sign*" OR health OR condition)) OR ((Symptom* OR "risk factor*") W/2 (awareness)) OR "change in condition report*" OR "reactive to changing need*")	22,968
<b>Outcomes</b>	
TITLE-ABS-KEY ("accident prevention" OR (adverse* W/2 patient*) OR "emergency treatment" OR ((improve) W/1 (knowledge OR awareness)) OR "patient safety" OR "patient safeties" OR "safety culture" OR "safety management" OR "hazard management" OR "hazard control" OR "safety climate" OR "organizational culture" OR ((reduce* OR reduction* OR avoid* OR prevent OR unnecessary) W/2 (admission* OR "acute care transfer*" OR hospitali?ation*)) OR "unnecessary hospitali?ation*" OR ((resident*) W/2 (outcome* OR improvement*)) OR (Improve* W/1 (knowledge OR awareness)) OR (Prevent* W/0 harm*) OR "Risk reduction*")	678,384
<b>Study types: systematic reviews and meta-analyses</b>	
INDEXTERMS (("systematic review" OR "meta analysis" OR "biomedical technology assessment" OR "network meta-analysis" OR "technology assessment, biomedical" OR "systematic reviews as topic" ) ) OR ( KEY ( "systematic review" OR "meta analysis" OR "health technology assessment" ) ) OR ( TITLE-ABS ( ( systematic* W/3 review* ) OR ( systematic* W/3 bibliographic* ) OR ( systematic* W/3 literature ) OR ( comprehensive* W/3 literature ) OR ( comprehensive* W/3 bibliographic* ) OR ( integrative W/3 review ) OR meta-analy* OR metaanaly* ) ) OR ( TITLE ( "systematic overview*" OR "systemic review*" OR "scoping review" OR "scoping literature review" OR "mapping review" OR "umbrella review*" OR "review of reviews" OR "overview of reviews" OR meta-review OR "integrative overview" OR meta-synthesis OR metasynthesis OR "quantitative review" OR "quantitative synthesis" OR meta-ethnography OR "research synthesis" OR "Systematic literature search" OR "Systematic literature research" OR "evidence-based review" OR "evidence synthesis" ) ) OR ( TITLE-ABS ( "research overview*" OR "collaborative review*" OR "collaborative overview*" OR "technology assessment*" OR "technology overview*" OR "technology appraisal*" OR hta OR htas OR "methodological overview*" OR "methodologic overview*" OR "methodological review*" OR "methodologic review*" OR "quantitative overview*" ) )	938,739
<b>Combined sets</b>	
2 OR 3	159,450
1 AND 6 AND 7	1,532
(1 OR 2 OR 3)	666,875
4 AND 6 AND 9	79
2 AND 5 AND 6	979
8 OR 10 OR 11	3,197
<b>Final result</b>	
12 AND ( LIMIT-TO ( LANGUAGE , "English" ) OR LIMIT-TO ( LANGUAGE , "Danish" ) ) AND ( LIMIT-TO ( SUBJAREA,"MEDI" ) OR LIMIT-TO ( SUBJAREA,"NURS" ) OR LIMIT-TO ( SUBJAREA,"SOCI" ) OR LIMIT-TO ( SUBJAREA,"HEAL" ) OR LIMIT-TO ( SUBJAREA,"BIOC" ) OR LIMIT-TO ( SUBJAREA,"PSYC" ) OR LIMIT-TO ( SUBJAREA,"PHAR" ) OR LIMIT-TO ( SUBJAREA,"NEUR" ) OR LIMIT-TO ( SUBJAREA,"MULT" ) OR LIMIT-TO ( SUBJAREA,"ARTS" ) )	3,254

The final search result, usually found at the end of the documentation, forms the list of abstracts.

**TITLE-ABS-KEY** = Title or abstract or keywords; **ALL** = All fields; **PRE/n** = "precedes by". The first term in the search must precede the second by a specified number of terms (n).; **W/n** = "Within". The terms in the search must be within a specified number of terms (n) in any order.; \* = Truncation; " " = Citation Marks; searches for a phrase; ? = replaces one letter; **LIMIT-TO (SRCTYPE, "j")** = Limit to source type journal; **LIMIT-TO (DOCTYPE, "ar")** = Limit to document type article; **LIMIT-TO (DOCTYPE, "re")** = Limit to document type review