

Supplementary Table S1. PubMed Search Trail (Search updated 25/09/2025)

Search #	MeSH Terms and Key Words	Articles Revealed
#1	(dementia[MeSH Terms]) OR (Lewy Body Disease[MeSH Terms]) OR (dement*[Title/Abstract]) OR (alzheim*[Title/Abstract]) OR (lewy*) AND (body) OR (lewy*) AND (bodies) OR (Vascular dementia [Title/Abstract])OR (alcohol related dementia[Title/Abstract]) OR (Parkinson's disease dementia[Title/Abstract])	376,686
#2	(Caregivers[MeSH Terms]) OR (Caregiver*[Title/Abstract]) OR (carer*[Title/Abstract]) OR (family[Title/Abstract]) OR (spous*[Title/Abstract]) OR (partner[Title/Abstract]) OR (home*[Title/Abstract]) OR ("informal care*" [Title/Abstract])	1,931,646
#3	(surveys and questionnaires[MeSH Terms]) OR questionnaire*[Title/Abstract] OR survey*[Title/Abstract] OR scale[Title/Abstract] OR model[Title/Abstract] OR assess*[Title/Abstract] OR evaluat*[Title/Abstract] OR instrument[Title/Abstract] OR screen*[Title/Abstract] OR tool[Title/Abstract]	12,721,001
#4	(Behavioral Symptoms[MeSH Terms]) OR (Problem Behavior[MeSH Terms]) OR (Psychomotor Agitation[MeSH Terms]) OR (Irritable Mood[MeSH Terms]) OR (aggression[MeSH Terms]) OR (depressive disorder[MeSH Terms]) OR (depression[MeSH Terms]) OR (anxiety[MeSH Terms]) OR (delusions[MeSH Terms]) OR (hallucinations[MeSH Terms]) OR (Sleep Deprivation[MeSH Terms]) OR (apathy[MeSH Terms]) OR (Euphoria[MeSH Terms]) OR (Appetite[MeSH Terms]) OR (Behavioral Symptoms[Title/Abstract]) OR (neuropsychic symptoms[Title/Abstract]) OR (behavioral psychological symptoms[Title/Abstract]) OR (BPSD[Title/Abstract]) OR (BSD[Title/Abstract]) OR (behavioral problems[Title/Abstract]) OR (Problem Behavior[Title/Abstract]) OR (repetitive behavior[Title/Abstract]) OR (agitation[Title/Abstract]) OR (wander*[Title/Abstract]) OR (walking[Title/Abstract]) OR (sundowning[Title/Abstract]) OR (Night time behavior[Title/Abstract]) OR (challenging behavior[Title/Abstract]) OR (disruptive[Title/Abstract]) OR (restless[Title/Abstract]) OR (Psychomotor Agitation[Title/Abstract]) OR (Irritability[Title/Abstract]) OR (Irritable Mood[Title/Abstract]) OR (Disinhibition[Title/Abstract]) OR (aggression[Title/Abstract]) OR (aggressive[Title/Abstract]) OR (aberrant motor behavior[Title/Abstract]) OR	1,527,002

	(psychomotor activity[Title/Abstract]) OR (neuropsychiatric symptom[Title/Abstract]) OR (depression[Title/Abstract]) OR (depressive[Title/Abstract]) OR (depressive disorder[Title/Abstract]) OR (anxiety[Title/Abstract]) OR (delusions[Title/Abstract]) OR (hallucination[Title/Abstract]) OR (Sleep disturbance[Title/Abstract]) OR (Sleep disorders[Title/Abstract]) OR (Sleeping disorders[Title/Abstract]) OR (Sleep Deprivation[Title/Abstract]) OR (apathy[Title/Abstract]) OR (Indifference[Title/Abstract]) OR (dysphoria[Title/Abstract]) OR (Euphoria[Title/Abstract]) OR (Elation[Title/Abstract]) OR (Appetite[Title/Abstract]) OR (Eating change[Title/Abstract]) OR (personality change[Title/Abstract])	
#5	#1 AND #2 AND #3 AND #4	8,798
#6	#5 AND English[Language]	8,339

Supplementary Table S2. Web of Science Search Trail (Search updated 25/09/2025)

Search #	MeSH Terms and Key Words	Articles Revealed
#1	TS=(dementia OR dement*OR alzheimer* OR Vascular dementia OR alcohol related dementia OR Parkinson's disease dementia)	410,503
#2	TS=(lewy* NEAR/2 bod*)	35700
#3	#1 OR #2	422,582
#4	AB=(CaregiversNOR Caregiver* OR carer* OR family OR spous* OR partner OR home* OR informal care*)	4,488,631
#5	TS=(Behavioral Symptoms OR Problem Behavior OR Psychomotor Agitation OR Irritable Mood OR aggression OR depressive disorder OR depression OR anxiety OR delusions OR hallucinations OR Sleep Deprivation OR apathy OR Euphoria OR Appetite)	2,937,602
#6	TS=(Behavioral Symptoms OR neuropsychic symptoms OR behavior OR behaviors OR behaviours OR behavioral psychological symptoms OR BPSD OR BSD OR behavioral problems OR Problem Behavior OR repetitive behavior OR agitation OR wander* OR walking OR sundowning OR Night time behavior OR challenging behavior OR disruptive OR restless OR Psychomotor Agitation OR Irritability OR Irritable Mood OR Disinhibition OR aggression OR aggressive OR aberrant motor behavior OR psychomotor activity OR neuropsychiatric symptom OR depression OR depressive OR depressive disorder OR anxiety OR delusions OR hallucination OR Sleep disturbance OR Sleep disorders OR Sleeping disorders OR Sleep Deprivation OR apathy	4,891,120

	OR Indifference OR dysphoria OR Euphoria OR Elation OR Appetite OR Eating change OR personality change)	
#7	#5 AND #6	4,891,120
#8	AB=(surveys and questionnaires OR questionnaire* OR survey* OR scale OR model OR assess* OR evaluat* OR instrument OR screen* OR tool)	48,490,268
#9	#3 AND #4 AND #7 AND #8	13,989
#6	#9 AND English[Language]	13,226

Supplementary Table S3. CINAHL Search Trail (Search updated 25/09/2025)

Search #	MeSH Terms and Key Words	Articles Revealed
#1	SU “dementia” OR SU “Lewy Body Disease” OR TI (“dement*” OR “alzheimer*” OR “lewy AND body” OR “lewy* AND bodies” OR “Vascular dementia” OR “alcohol related dementia” OR “Parkinson's disease dementia”) OR AB (“dement*” OR “alzheimer*” OR “lewy AND body” OR “lewy* AND bodies” OR “Vascular dementia” OR “alcohol related dementia” OR “Parkinson's disease dementia”)	113640
#2	SU “Caregivers” OR TI (“Caregiver*” OR “carer*” OR “family” OR “spous*” OR “partner” OR “home*” OR “informal care*”) OR AB (“Caregiver*” OR “carer*” OR “family” OR “spous*” OR “partner” OR “home*” OR “informal care*”)	536262
#3	SU “surveys and questionnaires” OR TI (“questionnaire*” OR “survey*” OR “scale” OR “model” OR “assess*” OR “evalu*” OR “instrument” OR “screen*” OR “tool”) OR AB (“questionnaire*” OR “survey*” OR “scale” OR “model” OR “assess*” OR “evalu*” OR “instrument” OR “screen*” OR “tool”)	2543599
#4	SU “Behavioral Symptoms” OR SU “Problem Behavior” OR SU “Psychomotor Agitation” OR SU “Irritable Mood” OR SU “aggression” OR SU “depressive disorder” OR SU “depression” OR SU “anxiety” OR SU “delusions” OR SU “hallucinations” OR SU “Sleep Deprivation” OR SU “apathy” OR SU “Euphoria” OR SU “Appetite” OR TI (“Behavioral Symptoms” OR “neuropsychic symptoms” OR “behavioral psychological symptoms” OR “BPSD” OR “BSD” OR “behavioral problems” OR “Problem Behavior” OR “repetitive behavior” OR “agitation” OR “wander*” OR “walking” OR “sundowning” OR “Night time behavior” OR “challenging behavior” OR “disruptive” OR “restless” OR “Psychomotor Agitation” OR “Irritability” OR “Irritable Mood” OR “Disinhibition” OR “aggression” OR “aggressive” OR “aberrant motor behavior” OR “psychomotor	437529

	activity" OR "neuropsychiatric symptom" OR "depression" OR "depressive" OR "depressive disorder" OR "anxiety" OR "delusions" OR "hallucination" OR "Sleep disturbance" OR "Sleep disorders" OR "Sleeping disorders" OR "Sleep Deprivation" OR "apathy" OR "Indifference" OR "dysphoria" OR "Euphoria" OR "Elation" OR "Appetite" OR "Eating change" OR "personality change") OR AB ("Behavioral Symptoms" OR "neuropsychic symptoms" OR "behavioral psychological symptoms" OR "BPSD" OR "BSD" OR "behavioral problems" OR "Problem Behavior" OR "repetitive behavior" OR "agitation" OR "wander*" OR "walking" OR "sundowning" OR "Night time behavior" OR "challenging behavior" OR "disruptive" OR "restless" OR "Psychomotor Agitation" OR "Irritability" OR "Irritable Mood" OR "Disinhibition" OR "aggression" OR "aggressive" OR "aberrant motor behavior" OR "psychomotor activity" OR "neuropsychiatric symptom" OR "depression" OR "depressive" OR "depressive disorder" OR "anxiety" OR "delusions" OR "hallucination" OR "Sleep disturbance" OR "Sleep disorders" OR "Sleeping disorders" OR "Sleep Deprivation" OR "apathy" OR "Indifference" OR "dysphoria" OR "Euphoria" OR "Elation" OR "Appetite" OR "Eating change" OR "personality change")	
#5	#1 AND #2 AND #3 AND #4	4306

Supplementary Table S4. Cochrane Library Search Trail (Search updated 25/09/2025)

Search #	MeSH Terms and Key Words	Articles Revealed
#1	MeSH descriptor: [Dementia] explode all trees OR MeSH descriptor: [Lewy Body Disease] explode all trees OR dement* OR alzheimer* OR (lewy*) AND (body) OR (lewy*) AND (bodies) OR Vascular dementia OR alcohol related dementia OR Parkinson's disease dementia	37,883
#2	MeSH descriptor: [Caregivers] explode all trees OR Caregiver* OR carer* OR family OR spous* OR partner OR home* OR informal care*:ti,ab,kw	151,137
#3	MeSH descriptor: [Surveys and Questionnaires] explode all trees OR questionnaire* OR survey* OR scale OR model OR assess* OR evaluat* OR instrument OR screen* OR tool:ti,ab,kw	1,365,102
#4	MeSH descriptor: [Behavioral Symptoms] explode all trees OR MeSH descriptor: [Problem Behavior] explode all trees OR MeSH descriptor: [Psychomotor Agitation] explode all trees OR MeSH descriptor: [Irritable Mood] explode all trees OR MeSH	358,796

	descriptor: [Aggression] explode all trees OR MeSH descriptor: [Depressive Disorder] explode all trees OR MeSH descriptor: [Depression] explode all trees OR MeSH descriptor: [Anxiety] explode all trees OR MeSH descriptor: [Delusions] explode all trees OR MeSH descriptor: [Hallucinations] explode all trees OR MeSH descriptor: [Sleep Deprivation] explode all trees OR MeSH descriptor: [Apathy] explode all trees OR MeSH descriptor: [Euphoria] explode all trees OR MeSH descriptor: [Appetite] explode all trees OR Behavioral Symptoms OR neuropsychic symptoms OR behavioral psychological symptoms OR behavior OR behaviors OR behaviours OR BPSD OR BSD OR behavioral problems OR Problem Behavior OR repetitive behavior OR agitation OR wander* OR walking OR sundowning OR Night time behavior OR challenging behavior OR disruptive OR restless OR Psychomotor Agitation OR Irritability OR Irritable Mood OR Disinhibition OR aggression OR aggressive OR aberrant motor behavior OR psychomotor activity OR neuropsychiatric symptom OR depression OR depressive OR depressive disorder OR anxiety OR delusions OR hallucination OR Sleep disturbance OR Sleep disorders OR Sleeping disorders OR Sleep Deprivation OR apathy OR Indifference OR dysphoria OR Euphoria OR Elation OR Appetite OR Eating change OR personality change	
#5	#1 AND #2 AND #3 AND #4	4446

Supplementary Table S5. Embase Search Trail (Search updated 25/09/2025)

Search #	MeSH Terms and Key Words	Articles Revealed
#1	'dementia'/exp OR 'dementia' OR 'diffuse lewy body disease'/exp OR 'diffuse lewy body disease' OR dement*:ti,ab,kw OR alzheimer*:ti,ab,kw OR 'vascula dementia':ti,ab,kw OR 'alcohol related dementia':ti,ab,kw OR 'parkinson disease dementia':ti,ab,kw OR lewy* AND body:ti,ab,kw OR lewy* AND bodies:ti,ab,kw	630,145
#2	'caregiver'/exp OR caregiver' OR caregiver*:ti,ab,kw OR carer*:ti,ab,kw OR family:ti,ab,kw OR spous*:ti,ab,kw OR partner:ti,ab,kw OR home*:ti,ab,kw OR 'informal care*':ti,ab,kw	2,574,173
#3	'questionnaire'/exp OR 'questionnaire' OR 'surveys questionnaires':ti,ab,kw OR questionnaire*:ti,ab,kw OR survey*:ti,ab,kw OR scale:ti,ab,kw OR model:ti,ab,kw OR assess*:ti,ab,kw OR evaluat*:ti,ab,kw OR instrument:ti,ab,kw OR screen*:ti,ab,kw OR tool:ti,ab,kw	17,066,844

#4	'behavior'/exp OR 'behavior' OR 'problem behavior'/exp OR 'problem behavior' OR 'restlessness'/exp OR 'restlessness' OR 'irritability'/exp OR 'irritability' OR 'depression'/exp OR 'depression' OR 'anxiety'/exp OR 'anxiety' OR 'delusion'/exp OR 'delusion' OR 'hallucination'/exp OR 'hallucination' OR 'sleep deprivation'/exp OR 'sleep deprivation' OR 'apathy'/exp OR 'apathy' OR 'euphoria'/exp OR 'euphoria' OR 'appetite'/exp OR 'appetite' OR 'behavioral symptoms':ti,ab,kw OR 'neuropsychic symptoms':ti,ab,kw OR 'behavioral psychological symptoms':ti,ab,kw OR 'bpsd':ti,ab,kw OR 'bsd':ti,ab,kw OR 'behavioral problems':ti,ab,kw OR 'problem behavior':ti,ab,kw OR 'repetitive behavior':ti,ab,kw OR 'agitation':ti,ab,kw OR 'wander*':ti,ab,kw OR 'walking':ti,ab,kw OR 'sundowning':ti,ab,kw OR 'night time behavior':ti,ab,kw OR 'challenging behavior':ti,ab,kw OR 'disruptive':ti,ab,kw OR 'restless':ti,ab,kw OR 'psychomotor agitation':ti,ab,kw OR 'irritability':ti,ab,kw OR 'irritable mood':ti,ab,kw OR 'disinhibition':ti,ab,kw OR 'aggression':ti,ab,kw OR 'aggressive':ti,ab,kw OR 'aberrant motor behavior':ti,ab,kw OR 'psychomotor activity':ti,ab,kw OR 'neuropsychiatric symptom':ti,ab,kw OR 'depression':ti,ab,kw OR 'depressive':ti,ab,kw OR 'depressive disorder':ti,ab,kw OR 'anxiety':ti,ab,kw OR 'delusions':ti,ab,kw OR 'hallucination':ti,ab,kw OR 'sleep disturbance':ti,ab,kw OR 'sleep disorders':ti,ab,kw OR 'sleep deprivation':ti,ab,kw OR 'apathy':ti,ab,kw OR 'indifference':ti,ab,kw OR 'dysphoria':ti,ab,kw OR 'euphoria':ti,ab,kw OR 'elation':ti,ab,kw OR 'appetite':ti,ab,kw OR 'eating change':ti,ab,kw OR 'personality change':ti,ab,kw OR 'sleeping disorders':ti,ab,kw	7,743,239
#5	#1 AND #2 AND #3 AND #4	28,433
#6	#5 AND [english]/lim	27,443

Supplementary Table S6. PsycINFO Search Trail (Search updated 25/09/2025)

Search #	MeSH Terms and Key Words	Articles Revealed
#1	SU “dementia” OR SU “Lewy Body Disease” OR TI (“dement*” OR “alzheimer*” OR “lewy AND body” OR “lewy* AND bodies” OR “Vascular dementia” OR “alcohol related dementia” OR “Parkinson's disease dementia”) OR AB (“dement*” OR “alzheimer*” OR “lewy AND body” OR “lewy* AND bodies” OR “Vascular dementia” OR “alcohol related dementia” OR “Parkinson's disease dementia”)	127858
#2	“Caregivers” OR TI (“Caregiver*” OR “carer*” OR “family” OR	584867

	"spous*" OR "partner" OR "home*" OR "informal care*") OR AB ("Caregiver*" OR "carer*" OR "family" OR "spous*" OR "partner" OR "home*" OR "informal care*")	
#3	SU "surveys and questionnaires" OR TI ("questionnaire*" OR "survey*" OR "scale" OR "model" OR "assess*" OR "evaluat*" OR "instrument" OR "screen*" OR "tool") OR AB ("questionnaire*" OR "survey*" OR "scale" OR "model" OR "assess*" OR "evaluat*" OR "instrument" OR "screen*" OR "tool")	2342269
#4	SU "Behavioral Symptoms" OR SU "Problem Behavior" OR SU "Psychomotor Agitation" OR SU "Irritable Mood" OR SU "aggression" OR SU "depressive disorder" OR SU "depression" OR SU "anxiety" OR SU "delusions" OR SU "hallucinations" OR SU "Sleep Deprivation" OR SU "apathy" OR SU "Euphoria" OR SU "Appetite" OR TI ("Behavioral Symptoms" OR "neuropsychic symptoms" OR "behavioral psychological symptoms" OR "BPSD" OR "BSD" OR "behavioral problems" OR "Problem Behavior" OR "repetitive behavior" OR "agitation" OR "wander*" OR "walking" OR "sundowning" OR "Night time behavior" OR "challenging behavior" OR "disruptive" OR "restless" OR "Psychomotor Agitation" OR "Irritability" OR "Irritable Mood" OR "Disinhibition" OR "aggression" OR "aggressive" OR "aberrant motor behavior" OR "psychomotor activity" OR "neuropsychiatric symptom" OR "depression" OR "depressive" OR "depressive disorder" OR "anxiety" OR "delusions" OR "hallucination" OR "Sleep disturbance" OR "Sleep disorders" OR "Sleeping disorders" OR "Sleep Deprivation" OR "apathy" OR "Indifference" OR "dysphoria" OR "Euphoria" OR "Elation" OR "Appetite" OR "Eating change" OR "personality change") OR AB ("Behavioral Symptoms" OR "neuropsychic symptoms" OR "behavioral psychological symptoms" OR "BPSD" OR "BSD" OR "behavioral problems" OR "Problem Behavior" OR "repetitive behavior" OR "agitation" OR "wander*" OR "walking" OR "sundowning" OR "Night time behavior" OR "challenging behavior" OR "disruptive" OR "restless" OR "Psychomotor Agitation" OR "Irritability" OR "Irritable Mood" OR "Disinhibition" OR "aggression" OR "aggressive" OR "aberrant motor behavior" OR "psychomotor activity" OR "neuropsychiatric symptom" OR "depression" OR "depressive" OR "depressive disorder" OR "anxiety" OR "delusions" OR "hallucination" OR "Sleep disturbance" OR "Sleep disorders" OR "Sleeping disorders" OR "Sleep Deprivation" OR "apathy" OR "Indifference" OR "dysphoria" OR "Euphoria" OR "Elation" OR "Appetite" OR "Eating change" OR	685338

“personality change”)

#5

#1 AND #2 AND #3 AND #4

5128

Table S7. Preferred Reporting Items for Systematic reviews and Meta-Analyses extension for Scoping Reviews (PRISMA-ScR) Checklist

SECTION	ITEM	PRISMA-ScR CHECKLIST ITEM	REPORTED ON PAGE #
TITLE			
Title	1	Identify the report as a scoping review.	1
ABSTRACT			
Structured summary	2	Provide a structured summary that includes (as applicable): background, objectives, eligibility criteria, sources of evidence, charting methods, results, and conclusions that relate to the review questions and objectives.	1
INTRODUCTION			
Rationale	3	Describe the rationale for the review in the context of what is already known. Explain why the review questions/objectives lend themselves to a scoping review approach.	1-2
Objectives	4	Provide an explicit statement of the questions and objectives being addressed with reference to their key elements (e.g., population or participants, concepts, and context) or other relevant key elements used to conceptualize the review questions and/or objectives.	2-3
METHODS			
Protocol and registration	5	Indicate whether a review protocol exists; state if and where it can be accessed (e.g., a Web address); and if available, provide registration information, including the registration number.	1-2
Eligibility criteria	6	Specify characteristics of the sources of evidence used as eligibility criteria (e.g., years considered, language, and publication status), and provide a rationale.	2-3
Information sources*	7	Describe all information sources in the search (e.g., databases with dates of coverage and contact with authors to identify additional sources), as well as the date the most recent search was executed.	2-3
Search	8	Present the full electronic search strategy for at least 1 database, including any limits used, such that it could be repeated.	2, Table S1-S6
Selection of sources of evidence†	9	State the process for selecting sources of evidence (i.e., screening and eligibility) included in the scoping review.	3
Data charting process	10	Describe the methods of charting data from the included sources of evidence (e.g., calibrated forms or forms that have been tested by the team before their use, and whether data charting was done independently or in duplicate) and any processes for obtaining and confirming data from investigators.	3-4
Data items	11	List and define all variables for which data were sought and any assumptions and simplifications made.	2-4, Table S8
Critical appraisal of individual sources of evidence§	12	If done, provide a rationale for conducting a critical appraisal of included sources of evidence; describe the methods used and how this information was used in any data synthesis (if appropriate).	2-4
Synthesis of results	13	Describe the methods of handling and summarizing the data that were charted.	2-4

SECTION	ITEM	PRISMA-ScR CHECKLIST ITEM	REPORTED ON PAGE #
RESULTS			
Selection of sources of evidence	14	Give numbers of sources of evidence screened, assessed for eligibility, and included in the review, with reasons for exclusions at each stage, ideally using a flow diagram.	3 (Figure 1)
Characteristics of sources of evidence	15	For each source of evidence, present characteristics for which data were charted and provide the citations.	5 (Table 1), 7 (Table 2), Table S8
Critical appraisal within sources of evidence	16	If done, present data on critical appraisal of included sources of evidence (see item 12).	5 (Table 1), 7 (Table 2)
Results of individual sources of evidence	17	For each included source of evidence, present the relevant data that were charted that relate to the review questions and objectives.	5 (Table 1), 7 (Table 2), Table S8
Synthesis of results	18	Summarize and/or present the charting results as they relate to the review questions and objectives.	4-8
DISCUSSION			
Summary of evidence	19	Summarize the main results (including an overview of concepts, themes, and types of evidence available), link to the review questions and objectives, and consider the relevance to key groups.	8-10
Limitations	20	Discuss the limitations of the scoping review process.	10
Conclusions	21	Provide a general interpretation of the results with respect to the review questions and objectives, as well as potential implications and/or next steps.	10
FUNDING			
Funding	22	Describe sources of funding for the included sources of evidence, as well as sources of funding for the scoping review. Describe the role of the funders of the scoping review.	11

JB1 = Joanna Briggs Institute; PRISMA-ScR = Preferred Reporting Items for Systematic reviews and Meta-Analyses extension for Scoping Reviews.

* Where *sources of evidence* (see second footnote) are compiled from, such as bibliographic databases, social media platforms, and Web sites.

† A more inclusive/heterogeneous term used to account for the different types of evidence or data sources (e.g., quantitative and/or qualitative research, expert opinion, and policy documents) that may be eligible in a scoping review as opposed to only studies. This is not to be confused with *information sources* (see first footnote).

‡ The frameworks by Arksey and O'Malley (6) and Levac and colleagues (7) and the JB1 guidance (4, 5) refer to the process of data extraction in a scoping review as data charting.

§ The process of systematically examining research evidence to assess its validity, results, and relevance before using it to inform a decision. This term is used for items 12 and 19 instead of "risk of bias" (which is more applicable to systematic reviews of interventions) to include and acknowledge the various sources of evidence that may be used in a scoping review (e.g., quantitative and/or qualitative research, expert opinion, and policy document).

From: Tricco AC, Lillie E, Zarin W, O'Brien KK, Colquhoun H, Levac D, et al. PRISMA Extension for Scoping Reviews (PRISMA-ScR): Checklist and Explanation. *Ann Intern Med*. 2018;169:467–473.[doi: 10.7326/M18-0850](https://doi.org/10.7326/M18-0850).

Table S8. Characteristics of Included Instruments for Assessing Caregiver Competence in BPSD Management (*n* = 11)

Author, year of publication	Country of origin and setting	Name of screening tool used in study	Scale Abbreviations	Sample size	Target population	Age	Dimensions / items	Scale Domains	Response options	Scale completion time	Recall period
Zeiss et al., (1999)	Palo Alto, CA, USA	Caregiver Self-Efficacy Scales	CSES	<i>n</i> = 217	Caregivers of frail and / or cognitively impaired elders	59.5 (11.3)	14 / 2	Two subscales: Problem-solving self-efficacy, Self-care self-efficacy	Range 0-100 for all items	NR	Over 2 week
Fortinsky et al., (2002)	Farmington, CT, USA	Family caregiver self-efficacy	FCSE	<i>n</i> = 197	Family caregivers	56.0 (14.0)	9 / 2	Two subscales: Symptom management self-efficacy and Community support service use self-efficacy	5-point scale	NR	NR
Steffen et al. (2002)	Palo Alto, CA, USA	Revised Scale for Caregiving Self-Efficacy	RSCSE	Study 1: <i>n</i> = 169; Study 2: <i>n</i> = 145	A relative or close friend with Alzheimer's disease or another dementing disorder	Study 1: 63.8 (8.3) Study 2: 60.3 (13.3)	15 / 3	Three subscales: Obtaining Respite, Responding to Disruptive Patient Behaviors, Controlling Upsetting Thoughts	Range 0-100 for all items	NR	2 week
Márquez-González et al., (2009)	Madrid, Spain	Spanish Version of the Revised Scale for Caregiving Self-Efficacy	Spanish Version Of the RSCSE	<i>n</i> = 180	Dementia family caregivers	59.0 (12.9)	15 / 3	Three subscales: Obtaining Respite, Responding to Disruptive Patient Behaviors, Controlling Upsetting Thoughts	Range 0 - 100 for all items	NR	NR

Huang et al., (2003)	Taiwan, China	Agitation Management Self-Efficacy Scale	AMSS	<i>n</i> = 43	Family caregivers of persons with dementia	55.6 (14.1)	43 / 4	Four subscales: Physical non-aggressive behavior, Physical aggressive behavior, Verbal aggressive behavior, and Verbal non-aggressive behavior	Range 1 - 5 for all items	NR	NR
Jansen et al., (2007)	Amsterdam, Netherlands	Sense of competence questionnaire	SCQ	<i>n</i> = 93	Informal caregivers of older adults with dementia symptoms	62.9 (14.4)	27 / 3	Three subscales: Satisfaction with the care recipient, Satisfaction with one's own performance, Consequences of involvement in care	5-point scale	NR	NR
Farran et al., (2011)	Chicago, IL, USA;	Caregiver Assessment of Behavioral Skill-Self-Rep o-rt	CAB-SR	<i>n</i> = 82	Caregivers had a family member with possible / probable AD	62.84 (12.99)	29 / 3	Three subscales: General approaches to caregiving (GEN), Behavioral management skill (BMS), Single skill item (SSI)	SSI subscales : range 0 - 100, GEN and BMS subscales : 4-point scale	NR	Four to six weeks
Zhang et al., (2013)	Shanghai, China	Self-Efficacy Questionnaire for Chinese Family Caregivers	SEQCFC	<i>n</i> = 196	Family caregivers of people with dementia	63.81 (12.85)	27 / 5	Five subscales: Gathering information about treatment, Symptoms and health care, Obtaining support, Responding to behaviour disturbances, Managing	Range 0-100 for all items	NR	Four weeks

								household, personal and medical Care, and Managing distress associated with caregiving			
Crellin et al., (2014)	London, UK	Caregiver Efficacy Scale	CES	<i>n</i> = 245	Family caregivers and their relatives with dementia	66.39 (13.06)	12 / 3	Three subscales: Mood and hyperactivity, Psychosis and night-time disturbance, Euphoria	4-point scale	NR	NR
Piggott et al., (2017)	NC, USA	Caregiver Confidence in Medical Sign / Symptom Management scale	CCSM	<i>n</i> = 194	Caregivers	62 (23-90)	25 / 4	Four subscales: Knowledge of signs / symptoms, Management of cognitive signs / symptoms, Management of medical signs / symptoms, and General medication management / responsiveness	5-point scale	NR	2 days
Cheon et al., (2022)	Seoul, Republic of Korea	Competence Scale in Managing Behavioral and Psychological Symptoms of Dementia	CS-MBPSD	<i>n</i> = 460	Dementia for family caregivers	69.82 (11.08)	29 / 6	Six subscales: Person centered attitude, introspection for improvement, Symptom occurrence analysis, Application of various strategies, Awareness of symptoms, Caring for one's own mind	5-point scale	7.63 (2.93) min	2 week

and Body and a
general question

Note: BPSD: Behavioral and Psychological Symptoms of Dementia; CSES: Caregiver Self-Efficacy Scales. FCSE: Family caregiver self-efficacy. RSCSE: Revised Scale for Caregiving Self-Efficacy. Spanish Version of the RSCSE: Spanish Version of the Revised Scale for Caregiving Self-Efficacy. AMSS: Agitation Management Self-Efficacy Scale. SCQ: Sense of Competence Questionnaire. CAB-SR: Caregiver Assessment of Behavioral Skill-Self-Report. SEQCFC: Self-Efficacy Questionnaire for Chinese Family Caregivers. CES: Caregiver Efficacy Scale. CCSM: Caregiver Confidence in Medical Sign/Symptom Management scale. CS-MBPSD: Competence Scale in Managing Behavioral and Psychological Symptoms of Dementia. NA = Not Applicable. NR = Not Reported. Age data are presented as mean (SD) except for Piggott et al., where data are presented as mean (range). Scale Completion Time are presented as mean (SD).