

## Supplementary File SB

*Assessment tools found by the reviews studies (on included studies).*

### Study                      Assessment Tools

#### *Art Therapy*

Beard (2011)	Mini-Mental State Examination (MMSE) Cohen- Mansfield Agitation Inventory (CMAI) Clinical Dementia Rating (CDR) Geriatric Depression Score (GDS) Dementia Care Mapping (DCM) Musical Therapy Assessment Tool Residual Music Skills Test Greater Cincinnati Chapter Well-Being Observation Tool	
Brown Wilson et al. (2019)	Rating Anxiety in Dementia (RAID) Neuropsychiatric Inventory (NPI) or Nursing Home (NPI-NH) Behavioral Pathology in Alzheimer's Disease (BEHAVE-AD) The Dutch version of the subscale Anxiety from the Symptom Check List (SCL-90) Hamilton Scale Philadelphia Geriatric Centre Affect Rating Scale Campbell scale	
Cavalcanti Barroso et al. (2020)	Greater Cincinnati Chapter Well-Being Observation Tool	
Chancellor et al. (2014)	Neuropsychiatric Inventory (NPI), Cohen-Mansfield agitation scale, Quality of Life Scale in Alzheimer's Disease are suggested.	
Cowl & Gaugler (2014)	N/A	
Deshmukh et al. (2018)	Mini-Mental State Examination (MMSE) Wechsler Memory Scale-Revised (WMS-R) Sub-scale evaluating logical memory (WMS-log). Geriatric Depression Scale (GDS) Apathy Scale (Japanese version) Mental Component Summary (MCS-8) Dementia Behaviour Disturbance Scale (DBD) Tests of Everyday Attention (TEA) Benton Fluency Task (BFT)	Barthel Index (BI) Zarit Caregiver Burden Interview (CBI) Cornell Scale for Depression in Dementia (CSDD) Multi Observational Scale for the Elderly (MOSES) Rivermead Behavioural Memory Test (RBMT) sub-test to assess short-term memory (RBM-STM)
Salisbury et al. (2011)	Greater Cincinnati Chapter Well-Being Observation Tool Mini-Mental State Examination (MMSE) Emotion Spectrum Analysis Method (ESAM)	
Ward et al. (2020)	N/A	
Zeilig et al. (2014)	Dementia Quality of Life and Geriatric Depression Scales Addenbrooke Cognitive Examination Geriatric Depression Scale Dementia Quality of Life (Dem-QOL-proxy) Neuropsychiatric Inventory Bristol Activities of Daily Living Scale	

### *Dance Therapy*

Jiménez et al. (2019)	N/A	
Karkou & Meekums (2017)	N/A	
Klimova et al. (2017)	N/A	
Mabire et al. (2019)	Mental State Examination (MMSE) Clinical Dementia Rating (CDR) Tinetti Balance Tool Clack Drawing Test	
Ruiz-Muelle & López-Rodríguez (2019)	Berg Balance Scale (BBS) Timed Up and Go Test (TUG) Agility/dynamic Balance test (AGIBAL) Mini-Mental State Examination (MMSE) Clock Drawing Test Cookie Theft picture from Boston Diagnostic Aphasia Test Nurses' Observation Scale for Geriatric Patients (NOS-GER) Montreal Cognitive Assessment Test (MOCA) Geriatric Depression Scale (GDS) Beck Depression Inventory (BDI) Hamilton Scale Perceived Stress Scale (PSS) Beck Anxiety Inventory Functional Rating Scale for Dementia (FRSSD) Functional and Cognitive Assessment Test (FUCAS) Trail Making Test part-B (TRAIL-B) Rey Auditory Verbal Learning Test (RAVLT) Test of Everyday Attention (TEA) Acculturation Rating Scale for Mexican Americans-II (ARSMA-II) Trail Making Test (TMT) Stroop Neuropsychological Screening Test (SNST) Word fluency test Symbol Digit Modalities Test Digit Span test/Digit Ordering test Logical Memory I and II Modified Mini-Mental State Examination (3MS)	Quality of Life Scale in Alzheimer's Disease (QoL-AD) The General Health Questionnaire (GHQ-12) Neuropsychiatric Inventory (NPI) Hospital Anxiety and Depression Scale (HAD) Barthel Index (BI) Scale ADL-Katz Senior Fitness Test (SFT) Neuropsychiatric Inventory- Nursing Home Version (NPI-NH) Dementia Care Mapping (DCM) Modified Nursing Care Assessment Scale (M-NCAS) Cohen-Mansfield Agitation Inventory (CMAI) Alzheimer's disease Cooperative Study-Activities of Daily Living (ADCS-ADL) Activities of Daily Living Katz Scale (ADL-Katz Scale) Social Competence subscale Rey Osterrieth Complex Figure Test (ROCFT) Color Task (Stroop C), Color-Word task (Stroop C-W) Rivermead Behavioral Memory Test (RBMT) Verbal Fluency F-A-S test (FAS) Short Physical Performance Battery (SPPB) Senior Fitness Test (SFT) Alzheimer's Disease Assessment Scale-Cognitive Subscale (ADAS-cog).

### *Music Therapy*

Aleixo et al. (2017)	Music Therapy Check List-Dementia (MTCL-D) Music Therapy Coding Scheme (MTCS) Interest in Music Evaluation Form Clinical Dementia Rating (CDR) Global Deterioration Scale (GDS) Mini-Mental State Examination (MMSE) Mental Status Questionnaire (MSQ) Wechsler Adult Intelligence Scale (WAIS) Neuropsychiatric Inventory (NPI) Behavioral Pathology in Alzheimer's Disease (BEHAVE-AD)	Cohen-Mansfield Agitation Inventory (CMAI) Revised Memory and Behavioral Problems Checklist (RMBPC) Apparent Emotion Scale (AES) Cornell Scale for Depression in Dementia (CSDD) Chinese Version of Cornell Scale for Depression in Dementia (C-CSDD) Hamilton Anxiety scale (HAM-A) Barthel Index (BI) Cornell-Brown Scale for Quality of Life in Dementia (CBS-QoL)
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Blackburn, & Bradshaw (2014)	Mini-Mental State Examination (MMSE) Rating of Anxiety in Dementia (RAID) Cohen-Mansfield Agitation Inventory (CMAI) Neuropsychiatric Inventory (NPI) Cornell Scale for Depression in Dementia (CSDD) Agitation Behaviour Mapping Instrument Dementia Quality of Life Geriatric Depression Scale Chinese-Mini-Mental State Exam Chinese Cohen-Mansfield Agitation Inventory	
Chatterton et al. (2010)	Mini Mental State Examination (MMSE) Global Deterioration Scale (GDS)	
Clare & Camici (2019)	Mini Mental State Examination (MMSE) Global Deterioration Scale (GDS) Neuropsychiatric Inventory (NPI) Cohen-Mansfield Agitation Inventory (CMAI) Rating of Anxiety in Dementia (RAID) Cornell-Brown Scale for Quality of Life in Dementia (CBS-QoL) GENCAT for Quality of Life Brotons&Brotons and Picket-Cooper Daily living and multidimensional observation scale Multidimensional Observation Scale for Elderly Subjects (MOSES)	Behavior Pathology in Alzheimer's Disease Rating Scale (BEHAVE-AD) Intelligence test – Revised Hasegawa Dementia Scale (HDS-R) Geriatric Quality of Life (GQoL) Cornell Scale for Depression Hospital Anxiety and Depression Scale (HADS) Barthel Index (BI) Visual Analog Mood Scale (VAMS) Cornell Scale for Depression in Dementia (CSDD)
Dowson et al. (2019)	Cohen-Mansfield Agitation Inventory (CMAI) Mini-Mental State Examination (MMSE) NeuroPsychiatric Inventory (NPI) Cornell Scale for Depression in Dementia (CSDD) Dementia Care Mapping (CDM) Rating Anxiety in Dementia Geriatric Depression Scale Barthel Index (BI) Behavioral Pathology in Alzheimer's Disease Rating Scale Observed Emotion Rating Scale Quality of Life - Alzheimer's Disease Test	Bedford Alzheimer Nursing Severity Scale Cornell-Brown Scale for Quality of Life in Dementia Disruptive Behaviour Rating Scale Lawton's Modified Behaviour Stream Montgomery-Åsberg Depression Rating Scale Music in Dementia Assessment Scale Menorah park engagement scale Paper Folding and Cutting State-Trait Anxiety Inventory Test épisodique de mémoire du passé
van der Steen et al. (2018)	Cohen-Mansfield Agitation Inventory (CMAI) Mini-Mental State Examination (MMSE) Neuropsychiatric Inventory (NPI) Dementia Quality of Life (DQOL) German translation of the Dementia Quality of Life Instrument (DEMQOL) Danish translation of the Alzheimer's Disease-Related Quality of Life (ADRQL) Cornell- Brown Scale for Quality of Life in Dementia (CBS-QoL) Dementia Care Mapping (DCM) Quality of Life-Alzheimer's Disease (QOL-AD)	Geriatric Depression Scale (GDS) Cornell Scale for Depression in Dementia Behavioural Pathology in Alzheimer's Disease (BEHAVE-AD) Rating Anxiety in Dementia Scale (RAID) Hamilton Anxiety Scale State- Trait Anxiety Inventory for adults (STAI-A) Severe Impairment Battery (SIB) Prose Memory tests, the FAS-Test (Controlled-Oral-Word-Association Test) Alzheimer's Disease Assessment Scale Cognitive subscale (ADAS-cog)
<i>Psychosocial interventions</i>		
Lawrence et al. (2012)	N/A	

*Sensory interventions*

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Smith & N/A  
D'Amico (2020)