

DEMENTIA ASSESSMENTS BY OCCUPATIONAL THERAPISTS

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Please find following a summary of a literature search and relevant results. All articles can be provided in full - email library@monashhealth.org for a list of the articles you require.

QUESTION

What is the gold-standard dementia assessment for Occupational Therapists in the inpatient setting?

RESULTS

ONLINE RESOURCES (GREY LITERATURE)

CLINICAL DECISION SUPPORT TOOLS

UpToDate. (2024).

- [Evaluation of cognitive impairment and dementia – Cognitive testing.](#)
- [Mental status scales to evaluate cognition.](#)
- [The mental status examination in adults](#)

BMJ Best Practice. (2024).

- [Assessment of dementia.](#)
- [Assessment of memory deficit.](#)

Therapeutic Guidelines. (2024).

- [Dementia.](#)

PEER-REVIEWED LITERATURE – MOST RECENT FIRST

Each article summary contains excerpts from the abstract and an online link.

TESTS

Jiménez-Palomares, M., et al. (2022). **Effects of a Cognitive Stimulation Program in Institutionalized Patients with Dementia.** *Journal of personalized medicine*, 12(11), 1808. [Click for full-text.](#)

The cognitive level was measured with the Global Deterioration Scale (GDS) and the Lobo's Cognitive Mini Test (LCMT), which is the Mini-Mental Status Examination in Spanish.

Panerai, S., et al. (2021). **Telephone-Based Reality Orientation Therapy for Patients With Dementia: A Pilot Study During the COVID-19 Outbreak.** *The American journal of occupational therapy*, 75(2), 7502205130p1–7502205130p9. [Request full-text.](#)

Primary outcome measures were two measures of depressive symptoms, the Neuropsychiatric Inventory Questionnaire and the Telephone Mini-Mental State Examination, administered at baseline and program discharge.

Tanaka, H., et al. (2021). **Development of an assessment scale for engagement in activities for patients with moderate to severe dementia.** *Psychogeriatrics*, 21(3), 368–377. [Request full-text.](#)

Participants with moderate to severe dementia who resided in a psychiatric acute phase hospital in Japan were assessed in terms of engagement in activities using the Assessment Scale for Engagement in Activities (ASEA) and Todai-shiki Observational Rating Scale (TORS), and in terms of cognitive function using the Mini-Mental State Examination (MMSE).

Wagatsuma, S., et al. (2021). **How, Why and Where it Hurts-Breaking Down Pain Syndrome Among Nursing Home Patients With Dementia: A Cross-Sectional Analysis of the COSMOS Trial.** *Pain management nursing*, 22(3), 319–326. [Click for full-text.](#)

Data were collected using the following tests: Cognitive function (Mini-Mental-State Evaluation [MMSE]); Quality of Life in Late stage of Dementia (QUALID); Dementia-Specific QoL (QUALIDEM); Mobilization-Observation-Behavior-Intensity-Dementia Pain Scale (MOBID-2); and number of analgesic drug prescriptions.

Harper, K. J., et al. (2020). **Occupational therapist use of the 'Timed Up and Go' test in a Memory Clinic to compare performance between cognitive diagnoses and screen for falls risk.** *Australian occupational therapy journal*, 67(1), 13–21. [Click for full-text.](#)

Patients underwent comprehensive medical assessment, including the Mini Mental Status Examination (MMSE) to determine a cognitive diagnosis. The occupational therapist, blinded to any diagnosis, completed the TUG.

Mitsuboshi, N., et al. (2019). **How the Post-Fracture Rehabilitation Choice Affects Brain Function in Older People?** *Dementia and geriatric cognitive disorders extra*, 9(1), 34–43. [Click for full-text.](#)

Cognition was assessed using the Touch Panel-type Dementia Assessment Scale (TDAS) and oxidative stress with serum pentosidine levels.

Pimouguet, C., et al. (2017). **Benefits of Occupational Therapy in Dementia Patients: Findings from a Real-World Observational Study.** *Journal of Alzheimer's disease : JAD*, 56(2), 509–517. [Request full-text.](#)

Measures included: Mini-Mental State Examination (MMSE), Disability Assessment in Dementia (DAD), Neuropsychiatric Inventory (NPI) Questionnaire, patients' quality of life (EQ 5D-VAS), caregivers' burden (Zarit scale), and amount of informal care.

Tokuchi, R., et al. (2016). **Cognitive and affective benefits of combination therapy with galantamine plus cognitive rehabilitation for Alzheimer's disease.** *Geriatrics & gerontology international*, 16(4), 440–445. [Click for full-text.](#)

We compared the Mini-Mental State Examination and Frontal Assessment Battery for cognitive assessment, and Geriatric Depression Scale, Apathy Scale, and Abe's Behavioral and Psychological Symptoms of Dementia score for affective assessment in two groups over 6 months.

Li, K. Y., et al. (2014). **Effect of the recreational life review program on patients with dementia in an outpatient clinic: a preliminary study.** *Perceptual and motor skills*, 119(3), 949–960. [Request full-text](#).

The Mini-Mental State Examination (MMSE), the Loewenstein Occupational Therapy Cognitive Assessment-Geriatric (LOTCA-G) and the Geriatric Depression Scale-Short Form (GDS-SF) were used as outcome measures.

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APPENDIX

SEARCH METHODOLOGY

A systematic search was conducted for literature. The results were screened by librarians using [Covidence](#).

SEARCH LIMITS

- English-language
- Published within the last 10 years

DATABASES SEARCHED

- Medline – index of peer reviewed articles across health sciences and medicine.
- Embase – index of biomed and pharmacological peer reviewed journal articles.
- Emcare – index of nursing, allied health, critical-care medicine and more.
- Cochrane Library – collection of databases containing high-quality independent evidence.
- OTSeeker – a database of occupational therapy articles.
- UpToDate & BMJ Best Practice – synthesised evidence for patient care.
- Grey literature – Google, Google Scholar, Trip database, Biomed Central Proceedings.

SEARCH TERMS Monash Health Library

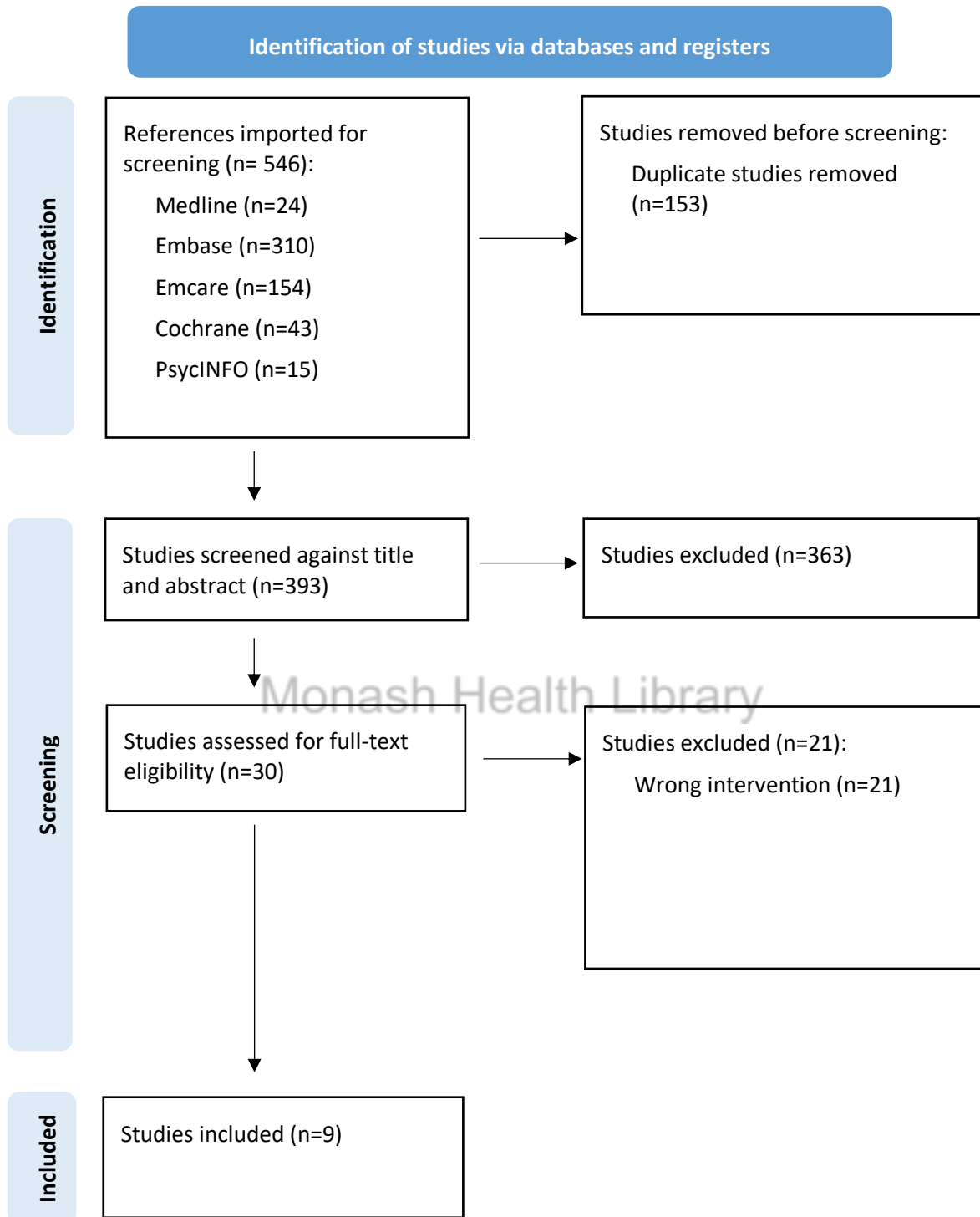
Concept	MeSH headings	Keywords
Dementia Assessment	Mental Status and Dementia Tests	assess* or test* or apprais* or diagnos* or evaluat* or confirm* [within 3 words of] dementia
Occupational Therapy	Occupational therapy; Occupational therapists; Occupational Therapy Department, Hospital	Occupational therap*
Inpatients	Hospitalization; Inpatients	Inpatient*; In-patient*; Patient*

MEDLINE SEARCH STRATEGY

- 1 ((assess* or test* or apprais* or diagnos* or evaluat* or confirm*) adj3 dementia).tw,kf. 17053
- 2 "Mental Status and Dementia Tests"/ 3310
- 3 1 or 2 20111
- 4 occupational therap*.tw,kf. 19801
- 5 Occupational Therapy/ or Occupational Therapy Department, Hospital/ or Occupational Therapists/ 15909
- 6 4 or 5 25398
- 7 (inpatient* or in-patient* or patient*).tw,kf. 8695524
- 8 Hospitalization/ or inpatients/ 169651
- 9 7 or 8 8742736
- 10 3 and 6 and 9 39
- 11 limit 10 to (english language and last 10 years) 24

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