

Dementia

Current Awareness Bulletin

December 2021

This Current Awareness Bulletin is produced by the Yeovil Academy Library to provide staff with a range of dementia-related resources to support practice. It includes recently published guidelines and research articles, as well as news and policy items.



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Systematic Reviews



[Understanding health-care outcomes of older people with cognitive impairment and/or dementia admitted to hospital: a mixed-methods study](#)

Systematic Reviews

2021 [NIHR HTA programme](#)

This review identified only a limited number of diagnostic test accuracy studies using Mini-Cog in secondary care settings. Those identified were at high risk of bias related to patient selection and high concerns related to index test conduct and applicability. The evidence was indirect, as all studies evaluated Mini-Cog differently from the review question, where it was anticipated that studies would conduct Mini-Cog and independently but contemporaneously perform a reference standard assessment to diagnose dementia.

[Improving the diagnosis and management of Lewy body dementia: the DIAMOND-Lewy research programme including pilot cluster RCT](#)

Systematic Reviews

2021 [NIHR HTA programme](#)

There is a limited number of studies evaluating the accuracy of the Mini-Cog for the diagnosis of dementia in primary care settings. Given the small number of studies, the wide range in estimates of the accuracy of the Mini-Cog, and methodological limitations identified in most of the studies, at the present time there is insufficient evidence to recommend that the Mini-Cog be used as a screening test for dementia in primary care.

[Components, impacts and costs of dementia home support: a research programme including the DESCANT RCT](#)

Systematic Reviews

2021 [NIHR HTA programme](#)

This research programme revealed several potential approaches to dementia home support and found that memory aids in early-stage dementia were not effective.

[Medicines for Dementia due to Alzheimer's Disease and Parkinson's Disease](#)

Systematic Reviews

2021 [Swiss Federal Office of Public Health HTA](#)

Donepezil, rivastigmine and galantamine are reimbursed for the treatment of mild to moderate dementia due to Alzheimer's Disease (AD). Rivastigmine is also reimbursed for the treatment of mild to moderate dementia due to Parkinson's Disease (PD). For the treatment of moderate to severe dementia due to AD, memantine is reimbursed.

[Patient Navigation Programs for People With Dementia](#)

Systematic Reviews

2021 [CADTH - Health Technology Review](#)

Patient navigation programs are generally community-based service delivery interventions (such as collaborative care, coordinated care, and case management) intended to enhance timely access to the diagnosis and treatment of individuals with chronic conditions, including dementia. Overall, for coordinated care compared with usual care, clinical findings were either mixed or there were no between-group differences in terms of hospitalization, institutionalization, or nursing home admissions; quality of life; or symptoms.

Point of Care tools

UpToDate[®]

is accessible via the links section of the library intranet [YCloud](#) page or via the [library blog](#). It can also be accessed at uptodate.com/login with an OpenAthens username and password. To register for an OpenAthens account [click here](#).

[Evaluation of cognitive impairment and dementia](#)

Literature review current through: Nov 2021. | This topic last updated: May 03, 2019.

[Care of patients with advanced dementia](#)

Literature review current through: Nov 2021. | This topic last updated: Jun 02, 2021.

[Early-onset dementia in adults](#)

Literature review current through: Nov 2021. | This topic last updated: Jun 21, 2021.

[Management of neuropsychiatric symptoms of dementia](#)

Literature review current through: Nov 2021. | This topic last updated: Sep 07, 2021.

BMJ Best Practice

[Alzheimer's dementia](#)

Last reviewed: 20 Nov 2021

Last updated: 21 Jul 2021

[Dementia with Lewy bodies](#)

Last reviewed: 20 Nov 2021

Last updated: 24 Aug 2018

[Assessment of dementia](#)

Last reviewed: 20 Nov 2021

Last updated: 09 Jun 2021

If you would like help obtaining any of the articles, please contact the Library.

NICE Healthcare Databases

1. Dose-response association between device-measured physical activity and incident dementia: a prospective study from UK Biobank.

Author(s): Petermann-Rocha ; Lyall, Donald M.; Gray, Stuart R.; Gill, Jason M. R.; Sattar, Naveed; Welsh, Paul; Quinn, Terence J.; Stewart, William; Pell, Jill P.; Ho, Frederick K.; Celis-Morales, Carlos

Source: BMC Medicine; Dec 2021; vol. 19 (no. 1); p. 1-13

Publication Date: Dec 2021

Publication Type(s): Academic Journal

PubMedID: NLM34852818

Available at [BMC medicine](#) - from BioMed Central

Available at [BMC medicine](#) - from Europe PubMed Central - Open Access

Available at [BMC medicine](#) - from ProQuest (Health Research Premium) - NHS Version

Participants with higher PA levels had a lower risk of incident dementia than those less active, independently of sociodemographic, lifestyle factors and comorbidity. Considering that the majority of previous studies have reported this association using self-reported data, our findings highlight the strong inverse association between PA objectively measured and incident dementia.

Database: CINAHL

2. Physiotherapy led treatment of established finger joint contracture due to paratonia in a patient with dementia, single case study...Virtual Physiotherapy UK Conference, November 13-14, 2020.

Author(s): Robertson ; South, K.

Source: Physiotherapy; Dec 2021; vol. 113

Publication Date: Dec 2021

Publication Type(s): Academic Journal

Database: CINAHL

3. Consumption of coffee and tea and risk of developing stroke, dementia, and poststroke dementia: A cohort study in the UK Biobank.

Author(s): Zhang ; Yang, Hongxi; Li, Shu; Li, Wei-dong; Wang, Yaogang

Source: PLoS Medicine; Nov 2021; vol. 18 (no. 11); p. 1-22

Publication Date: Nov 2021

Publication Type(s): Academic Journal

PubMedID: NLM34784347

Available at [PLoS medicine](#) - from Europe PubMed Central - Open Access

Available at [PLoS medicine](#) - from Public Library of Science (PLoS)

Available at [PLoS medicine](#) - from ProQuest (MEDLINE with Full Text) - NHS Version

Available at [PLoS medicine](#) - from ProQuest (Health Research Premium) - NHS Version

We found that drinking coffee and tea separately or in combination were associated with lower risk of stroke and dementia. Intake of coffee alone or in combination with tea was associated with lower risk of poststroke dementia.

Database: CINAHL

4. Impact of COVID-19 restrictions on carers of persons with dementia in the UK: a qualitative study.

Author(s): Sriram ; Jenkinson, Crispin; Peters, Michele

Source: Age & Ageing; Nov 2021; vol. 50 (no. 6); p. 1876-1885

Publication Date: Nov 2021

Publication Type(s): Academic Journal

Available at [Age and Ageing](#) - from Unpaywall

Carers attempt to continue to provide physical, emotional and practical support for persons with dementia in the community throughout the COVID-19 restrictions. To prevent a future carer crisis, carers need better support systems including formal carer services, telecare solutions that work for them and additional support for respite, as the restrictions from this pandemic continue.

Database: CINAHL

5. Costs and cost-effectiveness of the meeting centres support programme for people living with dementia and carers in Italy, Poland and the UK: The MEETINGDEM study.

Author(s): Henderson ; Rehill, Amritpal; Brooker, Dawn; Evans, Simon C.; Evans, Shirley B.; Bray, Jennifer; Saibene, Francesca Lea; Scorolli, Claudia; Szcześniak, Dorota; d'Arma, Alessia; Lion, Katarzyna; Atkinson, Teresa; Farina, Elisabetta; Rymaszewska, Joanna; Chattat, Rabih; Meiland, Franka; Dröes, Rose-Marie; Knapp, Martin

Source: Health & Social Care in the Community; Nov 2021; vol. 29 (no. 6); p. 1756-1768

Publication Date: Nov 2021

Publication Type(s): Academic Journal

Available at [Health & Social Care in the Community](#) - from Wiley Online Library

Available at [Health & Social Care in the Community](#) - from Unpaywall

Evidence for cost-effectiveness of MCSP was mixed but suggests that it may be cost-effective in relation to gains in dementia-specific quality of life measures. MCs offer effective tailored post-diagnostic support services to both people with dementia and carers in a context where few evidence-based alternatives to formal home-based social services may be available.

Database: CINAHL

6. The Association of Age at Diagnosis of Hypertension With Brain Structure and Incident Dementia in the UK Biobank.

Author(s): Shang ; Hill, Edward; Zhu, Zhuoting; Liu, Jiahao; Ge, B. Zongyuan; Wang, Wei; He, Mingguang

Source: Hypertension (0194911X); Nov 2021; vol. 78 (no. 5); p. 1463-1474

Publication Date: Nov 2021

Publication Type(s): Academic Journal

PubMedID: NLM34601962

Abstract:[Figure: see text].

Database: CINAHL

7. Comparative differences in musculoskeletal pain consultation and analgesic prescription for people with dementia: a UK-wide matched cohort study.

Author(s): Bullock ; Bedson, John; Ying Chen; Chew-Graham, Carolyn A.; Campbell, Paul; Chen, Ying

Source: PAIN; Oct 2021; vol. 162 (no. 10); p. 2613-2620

Publication Date: Oct 2021

Publication Type(s): Academic Journal

PubMedID: NLM33902094

The evidence suggests that pain management may be suboptimal for people with dementia. These results highlight the need to increase awareness of pain and use better methods of pain assessment, evaluation of treatment response, and acceptable and effective management for people with dementia, in primary care.

Database: CINAHL

8. How Meeting Centres continue to support people affected by dementia: report on UK COVID-19 impact.

Author(s): Evans ; Bray, Jennifer; Brooker, Dawn

Source: Working with Older People: Community Care Policy & Practice; Oct 2021; vol. 25 (no. 4); p. 283-293

Publication Date: Oct 2021

Publication Type(s): Academic Journal

Available at [Working with Older People](#) - from Unpaywall

Moving forward, combining approaches (usual MC and remote) means person-centred support could be optimized, addressing social isolation and reaching those who cannot attend MCs. Originality/value: This paper offers new insight into the extent to which community-based support for people with dementia can continue when face-to-face contact is not possible because of COVID-19.

Database: CINAHL

9. Testing for Interactions Between APOE and Klotho Genotypes on Cognitive, Dementia, and Brain Imaging Metrics in UK Biobank.

Author(s): Tank ; Ward, Joey; Celis-Morales, Carlos; Smith, Daniel J.; Flegal, Kristin E.; Lyall, Donald M.

Source: Journal of Alzheimer's Disease; Sep 2021; vol. 83 (no. 1); p. 51-55

Publication Date: Sep 2021

Publication Type(s): Academic Journal

PubMedID: NLM34219715

Available at [Journal of Alzheimer's disease : JAD](#) - from Unpaywall

Abstract:Recent research suggests genetic variation in the Klotho locus may modify the association between APOE ϵ 4 and cognitive impairment. We tested for associations and interactions between these genotypes versus risk of dementia, cognitive abilities, and brain structure in older UK Biobank participants. Klotho status was indexed with rs9536314 heterozygosity (versus not), in unrelated people with versus without APOE ϵ 4 genotype, corrected for various confounders. APOE ϵ 4 associated with increased risk of dementia, worse cognitive abilities, and brain structure. Klotho was associated with better reasoning. There were no interactions; potentially suggesting an age- and pathology-dependent Klotho effect.

Database: CINAHL

10. The Dementia UK Ecosystem: a call to action.

Author(s): Lalli ; Rossor, Martin; Rowe, James B; De Strooper, Bart

Source: Lancet Neurology; Sep 2021; vol. 20 (no. 9); p. 699-700

Publication Date: Sep 2021

Publication Type(s): Academic Journal

PubMedID: NLM34418390

Available at [The Lancet. Neurology](#) - from ProQuest (MEDLINE with Full Text) - NHS Version

Available at [The Lancet. Neurology](#) - from ProQuest (Health Research Premium) - NHS Version

Database: CINAHL

11. Taking part in the community occupational therapy in dementia UK intervention from the perspective of people with dementia, family carers and occupational therapists: A qualitative study.

Author(s): Burgess ; Wenborn, Jennifer; Di Bona, Laura; Orrell, Martin; Poland, Fiona

Source: Dementia (14713012); Aug 2021; vol. 20 (no. 6); p. 2057-2076

Publication Date: Aug 2021

Publication Type(s): Academic Journal

Available at [Dementia](#) - from Unpaywall

This person-centred occupation-focussed intervention was highly valued by people with dementia and their family carers and the occupational therapists delivering it.

Database: CINAHL

12. Meat consumption and risk of incident dementia: cohort study of 493,888 UK Biobank participants.

Author(s): Zhang ; Greenwood, Darren C; Risch, Harvey A; Bunce, David; Hardie, Laura J; Cade, Janet E

Source: American Journal of Clinical Nutrition; Jul 2021; vol. 114 (no. 1); p. 175-184

Publication Date: Jul 2021

Publication Type(s): Academic Journal

Available at [The American Journal of Clinical Nutrition](#) - from Unpaywall

These findings highlight processed-meat consumption as a potential risk factor for incident dementia, independent of the APOE ε4 allele.

Database: CINAHL

13. Corrigendum to 'Initiating advance care planning on end-of-life issues in dementia: Ambiguity among UK and Dutch physicians' [Archives of Gerontology and Geriatrics 65 (2016) 225–230/AGG 3314]...van der Steen JT, Galway K, Carter G, et al. Initiating advance care planning on end-of-life issues in dementia: Ambiguity among UK and Dutch physicians. Archives of Gerontology & Geriatrics. 2016;65:225-230.

Author(s): van der Steen ; Galway, Karen; Carter, Gillian; Brazil, Kevin

Source: Archives of Gerontology & Geriatrics; Jul 2021; vol. 95

Publication Date: Jul 2021

Publication Type(s): Academic Journal

Available at [Archives of gerontology and geriatrics](#) - from Unpaywall

Database: CINAHL

14. Implementing post-diagnostic support for people living with dementia in England: a qualitative study of barriers and strategies used to address these in practice.

Author(s): Wheatley ; Bamford, Claire; Brunskill, Greta; Booi, Laura; Denning, Karen Harrison; Robinson, Louise

Source: Age & Ageing; Nov 2021; vol. 50 (no. 6); p. 2230-2237

Publication Date: Nov 2021

Publication Type(s): Academic Journal

Available at [Age and ageing](#) - from Unpaywall

A range of practical strategies have been identified to address many of the common barriers to PDS in dementia. To achieve policy goals of a task-shifted and task-shared approach to PDS, widespread use of these strategies is recommended.

Database: CINAHL

15. 211 - Changes to post-diagnostic dementia support in England and Wales during the COVID-19 pandemic.

Author(s): Wheatley, Alison; Poole, Marie; Robinson, Louise

Source: International Psychogeriatrics; Oct 2021; vol. 33 ; p. 13-13

Publication Date: Oct 2021

Publication Type(s): Academic Journal

Database: CINAHL

16. Hearing and vision health for people with dementia in residential long term care: Knowledge, attitudes and practice in England, South Korea, India, Greece, Indonesia and Australia.

Author(s): Dawes ; Leroi, Iracema; Chauhan, Nisha; Han, Woojae; Harbishettar, Vijaykumar; Jayakody, Dona M.P.; Jones, Louise;

Source: International Journal of Geriatric Psychiatry; Oct 2021; vol. 36 (no. 10); p. 1531-1540

Publication Date: Oct 2021

Publication Type(s): Academic Journal

Available at [International Journal of Geriatric Psychiatry](#) - from Wiley Online Library

Available at [International Journal of Geriatric Psychiatry](#) - from Unpaywall

Database: CINAHL

17. Barriers and enablers to implementing 'DEALTS2' simulation-based train-the-trainer dementia training programme in hospital settings across England: a qualitative study.

Author(s): Heward ; Board, Michele; Spriggs, Ashley; Blagden, Dina; Murphy, Jane

Source: BMC Health Services Research; Sep 2021; vol. 21 (no. 1); p. 1-12

Publication Date: Sep 2021

Publication Type(s): Academic Journal

PubMedID: NLM34503509

Available at [BMC health services research](#) - from BioMed Central

Available at [BMC health services research](#) - from Europe PubMed Central - Open Access

Available at [BMC health services research](#) - from ProQuest (Health Research Premium) - NHS Version

Trainers explained individual and organisational barriers and enablers during implementation of DEALTS2. The flexible simulation and implementation approach were key to supporting adherence of DEALTS2. To ensure wider implementation of DEALTS2 nationally, Trusts need to allocate appropriate time to deliver effective dementia training. Future research should measure staff behaviour change, patient perspectives of the intervention, and whether and how DEALTS2 has improved health and care outcomes.

Database: CINAHL

18. Cognitive stimulation therapy for dementia: Provision in National Health Service settings in England, Scotland and Wales.

Author(s): Holden ; Stoner, Charlotte R; Spector, Aimee

Source: Dementia (14713012); Jul 2021; vol. 20 (no. 5); p. 1553-1564

Publication Date: Jul 2021

Publication Type(s): Academic Journal

Available at [Dementia](#) - from Unpaywall

While there was a low response rate, this survey indicates that there is significant variability in how CST is used in clinical practice, with many trusts not adhering to the evidence base. To ensure that people with dementia are consistently offered evidence-based, high-quality CST across NHS settings, further standardisation of inclusion criteria, dose and outcomes is needed.

Database: CINAHL

19. Sensory Health for Residents with Dementia in Care Homes in England: A Knowledge, Attitudes, and Practice Survey.

Author(s): Leroi ; Chauhan, Nisha; Hann, Mark; Jones, Louise; Prew, Sandra; Russell, Gregor; Sturrock, Roger-Angus;

Source: Journal of the American Medical Directors Association; Jul 2021; vol. 22 (no. 7); p. 1518-1518

Publication Date: Jul 2021

Publication Type(s): Academic Journal

To improve sensory-cognitive care for LTC RWD, there is a clear need for (1) practice recommendations and (2) multifaceted interventions that include staff training, tailored sensory support, and environmental modification.

Database: CINAHL

20. Cognitive reserve, modifiable-risk-factor profile and incidence of dementia: results from a longitudinal study of CFAS Wales.

Author(s): Jia ; Liu, Fei; Li, Xin; Shi, Xin; Liu, Yvhai; Cao, Fenglin

Source: Aging & Mental Health; Dec 2021; vol. 25 (no. 12); p. 2286-2292

Publication Date: Dec 2021

Publication Type(s): Academic Journal

Both cognitive reserve and modifiable-risk-factor profiles play a role in dementia incidence. We investigated whether cognitive reserve moderates the risk of dementia attributable to the modifiable-risk-factor profile. Cognitive reserve significantly moderates the association between modifiable-risk-factor profiles and dementia.

Database: CINAHL

21. Dementia care from behind the mask? Maintaining well-being during COVID-19 pandemic restrictions: Observations from Dementia Care Mapping on NHS mental health hospital wards in Wales.

Author(s): Page ; Davies-Abbott, Ian; Jones, Adrian

Source: Journal of Psychiatric & Mental Health Nursing (John Wiley & Sons, Inc.); Dec 2021; vol. 28 (no. 6); p. 961-969

Publication Date: Dec 2021

Publication Type(s): Academic Journal

Available at [Journal of psychiatric and mental health nursing](#) - from Wiley Online Library

Available at [Journal of psychiatric and mental health nursing](#) - from Unpaywall

We postulate that mental health nurses faced with an unprecedented challenge respond by changing practice to mitigate for infection prevention measures and to compensate for family absence. Implications for practice: We suggest that the desirable enhancing actions by nursing staff which raise well-being in these hospital settings are readily transferable to other settings that are aiming to maintain well-being but also practising under COVID-19 restrictions.

Database: CINAHL

In the News



[New Admiral Nurse to support patients with dementia in North West](#)

10 September, 2021

A new dementia specialist nurse appointed at a hospital trust in the North West of England has pledged to help families confront the challenges of the condition with “confidence”.

[Nurse’s dementia therapy dog gets hospital patients talking and walking](#)

15 July, 2021

A nurse in the North of England has told how patients with dementia are reaping the physiological and psychological benefits of animal assisted therapy thanks to her specially trained Labrador retriever.

This current awareness bulletin contains an inexhaustive selection of information that has not been critically appraised by library staff. It is therefore the responsibility of the reader to appraise this information for accuracy and relevance.

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