

Dementia eUpdate – May 2025



Figure 1 NHS Lanarkshire Logo

Contents

Dementia	1
Nutrition	1
Cognitive Function	2
Medicines	3
Activity	4
Early Onset	5
End of Document	5

Dementia

Nutrition

1. Bairami S, Scarmeas N, Yannakoulia M, et al. [Can Sleep Predict Conversion to Mild Cognitive Impairment and Dementia? Results From the Hellenic Longitudinal Investigation of Aging and Diet Study](#). *Alzheimer Dis Assoc Disord*. 2025; 39(1): 8-14.

2. Blotenberg I, Zülke AE, Lupp M, et al. [Factors associated with a healthy diet and willingness to change dietary behavior in older adults at increased risk of dementia](#). *Journal of Alzheimer's Disease*. 2025; 105(2): 634-645.
3. Campbell FC. [Diet, dementia, and the hippocampus](#). *Stem cells transl. med.* 2025; (5): No Pagination.
4. Loy RD, Rogus-Pulia N, Ketchum F, et al. [Eating and swallowing care disparities in persons with dementia: A conceptual framework](#). *Alzheimer's dement.* 2025; 21(2): e70028.
5. Shelton W, Geppert C. [Clarifying the Limits of Advance Directive in Decision-Making Around Food and Nutrition in Patients with Dementia](#). *Journal of Medical Ethics*. 2025: No Pagination.

Cognitive Function

1. B R, Balambighai V, Nivedhitha S, Prasanth K. [A Cross-Sectional Study of Dementia-Related Communication Barriers in Clinical Practice in South India](#). *Cureus*. 2025; 17(4): e81560.
2. Brijnath B, Markusevska S, Enticott J, et al. [Interpreter Communication Quality in Cognitive Assessments for Dementia: The MINDSET Randomized Clinical Trial](#). *JAMA netw. open*. 2025; 8(2): e2458069.
3. Li Y, Li Y, Gu X, et al. [Long-Term Intake of Red Meat in Relation to Dementia Risk and Cognitive Function in US Adults](#). *Neurology*. 2025; 104(3): e210286.
4. Osaki T, Oki Y, Kumagai R, et al. [Longitudinal deterioration of subjective cognitive decline in apolipoprotein ε4 carriers and improvement of subjective cognitive decline by multi-domain intervention for prevention of dementia: The cognitive function instrument assessment](#). *Journal of Alzheimer's Disease*. 2025; 105(3): 791-797.
5. Shimada H, Doi T, Tsutsumimoto K, Makino K, Harada K, Tomida K, Morikawa M, Makizako H. [A New Computer-Based Cognitive Measure for Early Detection of Dementia Risk \(Japan Cognitive Function Test\): Validation Study](#). *Journal Med Internet Res*. 2025; 27: e59015.
6. Su Y-H, Chiou J-M, Shiu C, Chen J-H, Chen Y-C. [Longitudinal, Bidirectional Association between Gait Speed and Cognitive Function in Community-Dwelling Older Adults](#)

[without Dementia](#). *Journal of the American Medical Directors Association*. 2025; 26(5): No Pagination.

7. Sullivan SS et al. [Development of a Communication Curriculum for Family Care Partners of Persons Living with Dementia](#). *Dementia*. 2025: No Pagination.
8. Trees, S, James, IA, Stapleton, S, Rippon D. [A pre and post evaluation of the communication and interaction training programme for professionals in dementia care](#). 2025; 98(2): 275-88.

Medicines

1. Cho E, Zhao HY, Jun P, Jang JH. [Efficacy of combined herbal and Western medicine based on Traditional Chinese Medicine for mild cognitive impairment and dementia in Parkinson's disease: A systematic review and meta-analysis](#). *Complementary Med. Res*. 2025; 1-24.
2. Hayes LD, Berry ECJ, Sanal-Hayes NEM, et al. [Corrigendum to 'Body Composition, Vascular Health, Cardiorespiratory Fitness, Lung Function, Muscle Architecture, and Physical Activity in People with Young Onset Dementia: A Case-Control Study' \[The American Journal of Medicine. 138:02 \(2025\) 277-286.e1\]](#). *Am J Med*. 2025; 138(6): 1042.
3. Milani SA, Westra J, Kuo YF, Downer B, Raji MA. [Dementia Medications and Their Association with Pain Medication Use in Medicare Beneficiaries with Alzheimer's Disease/Alzheimer's Disease-Related Dementias and Chronic Pain](#). *Drugs Aging*. 2025; 42(3): 267-274.
4. Sawan MJ, Clough AJ, Jekanovic N, et al. [Co-design of medication management guidance tools for people living with dementia and carers at discharge](#). *Alzheimer's Dement*. 2025; 21(5): e70257.
5. Vom Hofe I, Stricker BH, Ikram MK, Wolters FJ, Ikram MA. [Long-Term Exposure to Non-Steroidal Anti-Inflammatory Medication in Relation to Dementia Risk](#). *J Am Geriatr Soc*. 2025; 73(5): 1484-1490.

Activity

1. Christensen J, Timmers R, MacRitchie J. [Reassessing the goals of musical activities for people living with dementia: Supporting joint agency, selfhood and couplehood with an embodied and relational approach](#). *J Aging Stud*. 2025; 72: 101289.
2. Espinosa N, Hoyos CM, McKinnon AC, Almgren H, Duffy SL, Naismith SL. [Rest-activity rhythm fragmentation and synchronization are linked with reduced cortical thickness in older adults "at risk" for dementia](#). *Sleep*. 2025;48(5): No Pagination.
3. Feter N, Feter J. [Physical Activity and Dementia in Africa: The Missing Evidence and the Path Forward](#). *J Phys Act Health*. 2025; 22(6): 650-652.
4. Hayes LD, Berry ECJ, Sanal-Hayes NEM, et al. [Corrigendum to 'Body Composition, Vascular Health, Cardiorespiratory Fitness, Lung Function, Muscle Architecture, and Physical Activity in People with Young Onset Dementia: A Case-Control Study' \[The American Journal of Medicine. 138:02 \(2025\) 277-286.e1\]](#). *Am J Med*. 2025; 138(6): 1042.
5. Li J, He R, Hsu EC, Li J. [Network Analysis of Key Instrumental Activities of Daily Living and Cognitive Domains for Targeted Intervention in US Older Adults Without Dementia: Cross-Sectional Study](#). *JMIR Aging*. 2025; 8: e67632.
6. Li P, Hu K. [Disturbances in rest-activity rhythms and their neurobiological correlates: implications for Alzheimer's disease and dementia](#). *Sleep*. 2025; 48(5): No Pagination.
7. Milton S, Cavailles C, Ancoli-Israel S, Stone KL, Yaffe K, Leng Y. [Five-Year Changes in 24-Hour Sleep-Wake Activity and Dementia Risk in Oldest Old Women](#). *Neurology*. 2025; 104(8): e213403.
8. Phelps J, Guan DX, Teo K, et al. [Validation of the standard assessment of global everyday activities \(SAGEA\) scale for dementia diagnosis](#). *Age Ageing*. 2025; 54(5): No Pagination.
9. Richards K, Carlton C, Reed K, Cashin M, Hitch D. [Occupational therapy for people with dementia transitioning to residential care: A scoping review](#). *Scand J Caring Sci*. 2025; 39(1): e13314.
10. Sakimoto F, Doi T, Tomida K, Matsuda S, Makino K, Shimada H. [Cognitive activity levels associated with dementia risk in older adults with social frailty: A longitudinal study](#). *Maturitas*. 2025; 198: 108597.

11. Walbaum M, Aguzzoli E, Castro-Aldrete L, Cyhlarova E, Chadha AS, Knapp M. [Economic Implications of Off-Road Cycle Lanes to Increase Physical Activity and Reduce Sex and Gender Differences in the Risk of Dementia](#). *Int J Geriatr Psychiatry*. 2025; 40(3): e70067.
12. Yan Z, Traynor V, Halcomb E, Alananzeh I, Zugai J, Drury P. [Co-designing a mealtime intervention integrating Spaced Retrieval and montessori-based activities for people with dementia living in nursing homes](#). *Dementia*. 2025; 14713012251340112.

Early Onset

1. Du M, Gram L, Yang F, et al. [Health inequalities in disease burden of dementia and early-onset dementia: findings from the Global Burden of Disease 2021 study](#). *Global Health Research & Policy*. 2025; 10(1): 1-12.
2. Liang J, Zhang Y, Zhang W, et al. [Associations of early-onset coronary heart disease and genetic susceptibility with incident dementia and white matter hyperintensity: A prospective cohort study](#). *JPAD*. 2025; 12(2): 100041.
3. Li J, Li J, Yu Y, et al. [Data-driven discovery of midlife cardiometabolic profile associated with incident early-onset and late-onset dementia](#). *Diabetes Obes Metab*. 2025; 27(5): 2822-2832.
4. Ren Z, Zhang X, Cao L, Wang L, Li L, Liu J. [Lifelong associations between childhood multimorbidity and early-onset and late-onset dementia: A multi-cohort study](#). *Public Health*. 2025; 244: No Pagination.

End of Document

