

Dementia eUpdate – August 2025



Figure 1 NHS Lanarkshire Logo

Contents

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

Dementia

Nutrition

1. Alzhrani A-J, Stockfelt L, Xu Y, et al. [Long-term exposure to air pollution and validated cases of Alzheimer's disease and vascular dementia in the Malmö diet and cancer cohort. Journal of Alzheimer's Disease.](#) 2025; 107(1): 337-347.

2. Christodoulou CC, Pitsillides M, Hadjisavvas A, Zamba-Papanicolaou E. [Dietary Intake, Mediterranean and Nordic Diet Adherence in Alzheimer's Disease and Dementia: A Systematic Review](#). *Nutrients*. 2025; 17(2): no pagination.
3. Estrada LV, Malani PN, Vitale CA. [Eating and Swallowing Problems in People With Advanced Dementia](#). *JAMA*. . 2025; 334(6): 550.
4. Tupling OL, Neudorf B, Haghverdian S, Keller HH, McAiney C, Middleton LE. [The feasibility of the virtually delivered dementia lifestyle intervention for getting healthy together \(DELIGHT\) program for people living with dementia and their family/friend care partners](#). *PLoS One*. 2025; 20(8): 20.
5. Wang X, Xin Z, Li X, et al. [Mediterranean diet and dementia: MRI marker evidence from meta-analysis](#). *Eur J Med Res*. 2025; 30(1): 32.

Cognitive Function

1. Choe YM, Choi HJ, Keum M, et al. [High-Density Lipoprotein Cholesterol and Cognitive Function in Older Korean Adults Without Dementia: Apolipoprotein E4 as a Moderating Factor](#). *Nutrients*. 2025; 17(14): no pagination.
2. Dhande SR, Gupta A, Bhosale S. [Standardization of Kushmanda Ghrita and its neuroprotective effect in trimethyltin-induced dementia in Wistar rats: Insights into cognitive function and oxidative stress modulation](#). *Journal of Ethnopharmacology*. 2025; 352: no pagination.
3. Hadley JM. [Communication and end-of-life care in dementia: insights from a close family member working in healthcare](#). *British Journal of Community Nursing*. 2025; 30(8): 380-387.
4. Hao HAN, Masaharu HATANO. [Towards Quantification of Cognitive Function in Dementia Elderly Care Using Multimodal Behavioral Data...20th World Congress on Medical and Health Informatics \(MEDINFO\), August 9-13, 2025, Taipei, Taiwan](#). *Studies in Health Technology & Informatics*. 2025; 329: 866-870.
5. Lin CH, Wang SH, Lane HY. [The double-edged roles of testosterone in cognitive function and behavioral/psychological symptoms of patients with dementia](#). *Psychiatry Res*. 2025; 352: no pagination.

6. Menard A, Clark E, Hagerman L, et al. [Toward compassionate communication: a rapid review on facilitating the dementia disclosure process](#). *Alzheimer's dement.* 2025; 21(8): e70466.
7. Nishiwaki M, Takada S, Otsuka S, et al. [Effects of agricultural or gardening physical activity on cardiovascular disease and dementia-related markers via arterial stiffness, cognitive function, and cerebral white matter status: results from cross-sectional and interventional studies](#). *Front. public health.* 2025; 13: no pagination.

Medicines

1. Itoh S, Watanabe K, Miwa H, Wakui T. [Acceptance of Care Technologies for Medication Management Among Family Caregivers of Community-Dwelling Older Adults with Dementia](#). *Stud Health Technol Inform.* 2025; 329.
2. Rataj AC, Lapane KL, Ott BR, Baek J, Liang S, Alcusky M. [COVID-19 Factors Associated With Medication Changes Among Nursing Home Residents With Dementia](#). *J Appl Gerontol.* 2025; 7334648251332388.
3. Raver E, Jung J, Carlin C, Feldman R, Retchin SM, Xu W. [Potentially Inappropriate Medication Use Among Patients With Dementia in Traditional Medicare and Medicare Advantage](#). *Med Care.* 2025; 63(7): 495-499.
4. Reeve E, Cowan K, Kalisch Ellett L, et al. [Top 10 consumer and healthcare professional priorities for research in the field of quality use of medicines in people living with dementia](#). *Journal of Alzheimer's Disease.* 2025; 107(1): 207-222.
5. Sakiko ITOH, Kentaro WATANABE, Hiroyasu MIWA, Tomoko WAKUI. [Acceptance of Care Technologies for Medication Management Among Family Caregivers of Community-Dwelling Older Adults with Dementia...20th World Congress on Medical and Health Informatics \(MEDINFO\), August 9-13, 2025, Taipei, Taiwan](#). *Studies in Health Technology & Informatics.* 2025; 329: 2028-2029.
6. Taqvi A, Hallahan B, McLoughlin J. [Perspectives of nursing staff regarding antipsychotic medication usage to manage behavioural and psychological symptoms of dementia in nursing homes](#). *Ir J Psychol Med.* 2025; 1-5.

Activity

1. An H, Kim I, Yun S, Shin J, Yang H, Park HY. [Lifestyle Change Motivation & Lifestyle Behaviors Reinforcement Program for Dementia Prevention in Community-Dwelling](#)

Middle-Aged & Older Adults...American Occupational Therapy Association (AOTA) INSPIRE Annual Conference and Expo, April 3-5, 2025, Philadelphia, Pennsylvania.
American Journal of Occupational Therapy. 2025; 79: 1.

2. Bennett S, Clemson L, Gannon B, et al. Clinical Implementation of a Nonpharmacological Intervention for People With Dementia & Their Caregivers: A Mixed-Methods Pilot Study...American Occupational Therapy Association (AOTA) INSPIRE Annual Conference and Expo, April 3-5, 2025, Philadelphia, Pennsylvania. *American Journal of Occupational Therapy.* 2025; 79: 1.
3. Chu M, Yue A, Yan S, et al. Glymphatic activity in behavioral variant frontotemporal dementia: Link with vascular function and astrocytic activation. *Alzheimer's dement.* 2025; 21(8): e70561.
4. Dörr F, Holle D, Morouj B, et al. Speech-language therapy and occupational therapy for patients with mild cognitive impairment and dementia: a retrospective cohort study using German health claims data. *BMC Health Services Research.* 2025; 25(1): 1-13.
5. Hoepel SJW, Ikram MK, Ikram MA, Voortman T, Luik AI. Substitutions of Sleep, Physical Activity, and Sedentary Behaviour and the Risk of Dementia and Stroke. *J Sleep Res.* 2025; e70166.
6. Jeon PR, Yoo E. Effects of OT on Enhancing Social Participation Among Older Adults With Dementia: A Systematic Review...American Occupational Therapy Association (AOTA) INSPIRE Annual Conference and Expo, April 3-5, 2025, Philadelphia, Pennsylvania. *American Journal of Occupational Therapy.* 2025; 79: 1.
7. Larouche J, Parkman S, Condon A. Student Empathy: The Power of a Virtual Dementia Simulation...American Occupational Therapy Association (AOTA) INSPIRE Annual Conference and Expo, April 3-5, 2025, Philadelphia, Pennsylvania. *American Journal of Occupational Therapy.* 2025; 79: 1.
8. Maeshima S, Osawa A, Watanabe Y, Arai H, Bucks RS. Development and validation of the Japanese version of the Bristol Activities of Daily Living Scale for Dementia and Mild Cognitive Impairment Assessment. *Geriatr Gerontol Int.* 2025; 25(8): 1131-1135.
9. O'Neil HA, Tupling OL, Bechard LE, Middleton LE. Understanding the Perception of People With Young Onset Dementia on the Experiences, Facilitators, and Barriers of Physical Activity: An Exploratory Qualitative Study. *J Aging Phys Activity.* 2025; 1-12.

10. Raichlen DA, Aslan DH, Sayre MK, et al. [Associations between the 24-h Activity Daily Cycle and Incident Dementia](#). *Medicine & Science in Sports & Exercise*. 2025; 57(9): 1897-1904.
11. Yoshiura K, Murata M, Hamasuna M, et al. [Combination of Exercise and Group Occupational Therapy for Behavioural and Psychological Symptoms of Dementia: A Pilot Randomised Controlled Trial](#). *Psychogeriatrics*. 2025; 25(5): e70085.
12. Zawar I, Kapur J, Mattos MM, Manning C, Hashmi SA, Quigg M. [Active Seizures Predict Worse Instrumental Activities of Daily Living in Individuals With Normal Cognition and Dementia](#). *Ann. clin. transl. neurol.* 2025; 12(8): 1608-1618.

Early Onset

1. [Correction to: Comorbidities in early-onset sporadic versus presenilin-1 mutation-associated Alzheimer disease dementia: Evidence for dependency on Alzheimer disease neuropathological changes](#). *J Neuropathol Exp Neurol*. 2025; 84(9): 844.
2. Faulstich NG, Hilmi Omar S, John O-Brien C, et al. [Sex differences in clinical risk factors for Alzheimer's dementia patients with early-onset and late-onset](#). *Front. glob. womens health*. 2025; 6: no pagination.
3. Loi SM, Tjokrowijoto P, D'Cunha NM, et al. [Lived experience perspectives about gaps and barriers in services for those living with, and those providing care, for people with young-onset dementia in Australia: Findings from the Joint Solutions Project](#). *Australian & New Zealand Journal of Psychiatry*. 2025; 59(8): 729-739.
4. Miyajima R, Yokoyama K, Morimoto T, Ohkawa H, Ikeda N. [Current Practices and Challenges in Work Role Support for People With Early-Onset Dementia at Medical Centers for Dementia](#). *Psychogeriatrics*. 2025; 25(5): e70080.
5. Yu J, Zhang S, Li L, Shen Q. [Dyadic coping experience of persons with young-onset dementia and their spousal caregivers: A review of qualitative studies and meta-synthesis](#). *Journal of Alzheimer's Disease*. 2025; 106(3): 832-841.

End of Document

