

Alzheimer Awareness Month January 2025 - a reading list

focus on risk and prevention

Alzheimer's disease pathophysiology

1. Ali J, Choe K, Park JS, Park HY, Kang H, Park TJ, Kim NO. **The interplay of protein aggregation, genetics, and oxidative stress in Alzheimer's disease: role for natural antioxidants and immunotherapeutics.** Antioxidants 2024;13(7):862- [abstract](#)

Global changes in
attitudes to dementia
– World Alzheimer
Report 2024
Full text [link](#)

Brain health, reserve and resilience

2. Gamble LD, Clare L, Opdebeeck C, Martyr A, Jones RW, Rusted JM, et al. **Cognitive reserve and its impact on cognitive and functional abilities, physical activity and quality of life following a diagnosis of dementia: longitudinal findings from the Improving the experience of Dementia and Enhancing Active Life (IDEAL) study.** Age Ageing 2025;54(1):epub ahead of print [abstract](#)

Risk and prevention

3. Arévalo-Caro C, López D, Milán JAS, Lorca C, Mulet M, Arboleda H, et al. **Periodontal indices as predictors of cognitive decline: insights from the PerioMind Colombia Cohort.** Biomed 2025:epub ahead of print [link](#)
4. Capocchi JK, Figueroa-Romero C, Dunham SJB, Faraci G, Rothman JA, Whiteson KL, et al. **Symposium: what does the microbiome tell us about prevention and treatment of AD/ADRD?** J Neurosci 2924:epub ahead of print [abstract](#)
5. Dobson AJ, XU Z, Wilson LF, Chung H-F, Sandin S, Van der Schouw YT, et al. **Menopause age and type and dementia risk: a pooled analysis of 233 802 women.** Age Ageing 2024;53(11):epub ahead of print [abstract](#)
6. Egbujie BA, Turcotte LA, Heckman G, Hirdes JP. **Trajectories of functional decline and predictors in long-term care settings: a retrospective cohort analysis of Canadian nursing home residents.** Age Ageing 2024;53(12):epub ahead of print [abstract](#)
7. Lacerda RAV, Desio JAF, Kammers CM, Henkes S, Freitas de Sá N, de Souza EF, et al. **Sleep disorders and risk of Alzheimer's disease: a two-way road.** Ageing Res Rev 2024:epub ahead of print [abstract](#)
8. Lana D, Traini C, Bulli I, Sarti G, Magni G, Attorre S, Giovannini MG, Vannucchi MG. **Chronic administration of prebiotics and probiotics ameliorates pathophysiological hallmarks of Alzheimer's disease in a APP/PS1 transgenic mouse model.** Front Pharmacol 2024:epub ahead of print [abstract](#)
9. Pace T, Levenstein JM, Anijärv TE, Campbell AJ, Treacy C, Hermens DF, Andrews SC. **Modifiable dementia risk associated with smaller white matter volume and altered 1/f aperiodic brain activity: cross-sectional insights from the LEISURE study.** Age Ageing 2024;53(11):epub ahead of print [abstract](#)
10. Rishabh, Rohilla M, Bansal S, Bansal N, Chauhan S, Sharma S, Goyal N, Gupta S. **Estrogen signalling and Alzheimer's disease: Decoding molecular mechanisms for therapeutic breakthrough.** Euro J Neurosci 2024:epub ahead of print [abstract](#)
11. Saren J, Debain A, Loosveldt F, Petrovic M, Bautmans I. **Elevated blood pressure variability is associated with an increased risk of negative health outcomes in adults aged 65 and above—a systematic review and meta-analysis.** Age Ageing 2024;53(12):epub ahead of print [abstract](#)

12. Smit AP, Herber G-CM, Kuiper LM, Rietman ML, Wesenhagen KEJ, Picavet HSJ, et al. **Association between metabolomics-based biomarker scores and 10-year cognitive decline in men and women. The Doetinchem Cohort Study.** Age Ageing 2024;53(11):epub ahead of print [abstract](#)

Hearing and vision loss as risk

13. Soons LM, Deckers K, Tange H, van Boxtel MPJ, Köhler S. **Associations of hearing and visual loss with cognitive decline and dementia risk: a 25-year follow-up of the Maastricht Aging Study** Age Ageing 2024;53(12):epub ahead of print [abstract](#)
14. Yu R-C, Pavlou M, Schilder AGM, Bamiou D-E, Lewis G, Lin FR, Livingston G, et al. **Early detection and management of hearing loss to reduce dementia risk in older adults with mild cognitive impairment: findings from the treating auditory impairment and cognition trial (TACT).** Age Ageing 2025;54(1):epub ahead of print [abstract](#)

Adverse childhood events and dementia

15. Duchowny KA, Smith AK, Cenzer I, Brown C, Noppert G, Yaffe K, et al. **The prevalence of lifetime trauma and association with physical and psychosocial health among adults at the end of life.** J Am Geriatr Soc 2025;73(1):123- [abstract](#)
16. Entringer S, Heim C. **A brief historic review of research on early life stress and inflammation across the lifespan.** Neuroimmunomodulation 2025;32(1):24- [abstract](#)
17. Fleck L, Buss C, Bauer M, Stein M, Meckle R, Kock L, et al. **Early-life adversity predicts markers of aging-related neuroinflammation, neurodegeneration, and cognitive impairment in women.** Ann Neurol 2025:epub ahead of print [abstract](#)

Diagnosis

18. Fabrizi E, Ancidoni A, Locuratolo N, Piscopo P, Gatta FD, Salemme S, Pani SM, Marconi D, et al (Guideline Working Group). **The Italian guideline on diagnosis and treatment of dementia and mild cognitive impairment .** Age Ageing 2024;53(11):epub ahead of print [abstract](#)
19. Jack CR, Andrews JS, Beach TG, Buracchio T, Dunn B, Graf A, et al. **Revised criteria for diagnosis and staging of Alzheimer's disease: Alzheimer's Association Workgroup.** J Alz Assoc 2024:epub ahead of print [abstract](#)

Equity, diversity, inclusion and belonging

20. Carter C, Roche M, Whitfield E, Budgett J, Morgan-Trimmer S, Zabihi S, et al. **Equality of opportunity for timely dementia diagnosis (EQUATED): a qualitative study of how people from minoritised ethnic groups experience the early symptoms of dementia and seek help.** Age Ageing 2024;53(11):epub ahead of print [abstract](#)

Young onset dementia

21. Håkansson T, Svensson H, Karlsson S. **Living with a person with young onset dementia - spousal experience.** Int J Qual Stud Health Well-being 2024:epub ahead of print [abstract](#)
22. Smeets B, Janssen N, Peetoom K, Boots L, Bakker C, de Vugt M. **'Too young to sit at home': a qualitative study conducted among employees with young-onset dementia and their relatives.** Aging Ment Health 2024;28(8):1119- [abstract](#)
23. Suárez-González A, Savage SA, Alladi S, Amaral-Carvalho V, Arshad F, Camino J, et al. **Rehabilitation services for young-onset dementia: examples from high- and low-middle-income countries.** Int J Environ Res Public Health 2024:epub ahead of print [abstract](#)

“I’m still in the lap of the gods... I don’t know whether I’m going to improve or not”: listening to people with dementia or cognitive impairment and their support people, talking about inpatient rehabilitation experiences.

Lawler et al.
Disability Rehab 2025 [link](#)

Design and delivery of care

24. Hu X, Wu Y, Zhang L, Jiang X. **Effects of family audio recordings on depression, cognitive function, and sleep quality of individuals with Alzheimer's disease: a randomized controlled trial.** J Gerontol Nurs 2025;51(1):42- [abstract](#)

25. Kitt-Lewis E. **From the past to present to create a workforce for the future: the Teaching Nursing Home Collaborative.** J Gerontol Nurs 2025;50(12):47- [abstract](#)
26. Sääskilähti M, Kulmala J, Nurhonen M, Lehtisalo J, Peltonen M, Mangialasche F, et al. **The effect of multidomain lifestyle intervention on health care service use and costs - secondary analyses from the Finnish Geriatric Intervention Study to Prevent Cognitive Impairment and Disability (FINGER): a randomised controlled trial.** Age Ageing 2024;53(11):epub ahead of print [abstract](#)
27. Woolford M, Bruce L, Rigoni D, Gulline H, Horsman P, MacRae A, et al. **Intersection between person-centred practice and Montessori for dementia and ageing in residential aged care.** Age Ageing 2024; 53(10):epub ahead of print [abstract](#)

Dementia and the built environment

28. Charras K, Hogervorst E, Wallcook S, Kuliga S, Woods B. **Creating empowering environments for people with dementia.** Aging Mental Health Res 2025:epub ahead of print [link](#)

Residential care

29. Sheth MS, Rochon PA, Altaf A, Boblitz A, Bronskill SE, Brown KA, et al. **Factors associated with transition to a nursing home in older adults living in naturally occurring retirement communities.** J Am Geriatr Soc 2025;73(1): 88- [abstract](#)

Ethics corner

Capacity assessment for euthanasia in dementia: a qualitative study of 60 Dutch cases. Van den Bosch et al. J Am Geriatr Soc 2025 [abstract](#)

The caregiver

30. Winslow VA, Lindau ST, Huang ES, Asay S, Johnson AE, Borson S, Thompson K, Makelarski JA. **Caring for dementia caregivers: How well does social risk screening reflect unmet needs?** J Am Geriatr Soc 2025;73(1):63- [abstract](#)

Rehabilitation – dementia, personhood

31. Dhankhar S, Sharma P, Chauhan S, Saini M, Garg N, Singh R, Kamal MA, Sharma SK, Rani N. **Cognitive rehabilitation for early-stage dementia: a review.** Curr Psychiat Res Rev 2025;21(2):109- [abstract](#)

32. Lawler, K, Shelley S, Edney K, Stephenson C, Castle R, de Zoete S, Callisaya, ML, Courtney-Pratt H, Farlie MK. **“I’m still in the lap of the gods... I don’t know whether I’m going to improve or not”**: listening to people with dementia or cognitive impairment and their support people, talking about inpatient rehabilitation experiences. Disability Rehab 2025;47(1):178- [abstract](#)

Dementia and end of life

33. Fox S, Faherty M, Drennan J, Guerin S, Kernohan WG, Murphy A, Timmons S. **People with dementia and family carers are welcoming of a model of dementia palliative care, but sceptical of its implementation.** Dementia 2025;24(1):191- [abstract](#)
34. Van den Bosch A, Marijnissen RM, Hanssen DJC, Voshaar RCO. **Capacity assessment for euthanasia in dementia: a qualitative study of 60 Dutch cases.** J Am Geriatr Soc 2025;73(1):112- [abstract](#)

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Quick links

- Alzheimer Society of Canada [link](#)
- Alzheimer Society of Ontario [link](#)
- Behavioural Supports Ontario [link](#)
- brainXchange [link](#)
- Alzheimer Disease International, **World Alzheimer Report 2024** [link](#)
- Public Health Agency of Canada: **A Dementia Strategy for Canada: Together We Achieve** report [link](#)
- World Health Organization – Dementia action plan [link](#)
- Alzheimer’s Association (US) **-Healthy Brain Initiative** [link](#)
- **Young Dementia Network** [link](#)
- **PIECES Canada** [link](#)
- Dementia Training Australia - free resources, tools and training [link](#)