

Studies

[Body Weight Change and Dementia Risk in Young and Middle-Aged Adults With Type 2 Diabetes and Depression: A Nationwide Cohort Study](#)

Marked BW change was associated with subsequent dementia risk in young and middle-aged adults with T2DM and depression. BW trajectories may serve as clinically observable risk markers, although associations involving extreme BW change should be interpreted cautiously.

[Lewy Body Disease Across Aging: Clinical and Neuropathological Correlates in a Population Brain Bank](#)

In this population-based cohort, LBD becomes more frequent with age, occurs in a mixed-pathology context, and is more strongly expressed through cognition and psychosis-related symptoms than through caregiver-reported parkinsonian burden.

[Temporal-Targeted Accelerated 40 Hz tACS Enhances Cognitive Function and Network Integration in Alzheimer's Disease: A Randomized Clinical Trial](#)

Bilateral temporal 40-Hz tACS delivered at 2 mA twice daily for 4 weeks was associated with sustained improvement in ADAS-Cog performance and with distributed cortical functional-connectivity changes in patients with AD. These findings provide preliminary evidence that accelerated 40-Hz tACS can modulate AD-related cortical networks; however, frequency specificity, durability, and clinical scalability require confirmation in larger, multicenter, biomarker-defined, multimodal studies.

[Hearing and Cognitive Function in Aged Adults: A Machine Learning and Mediation Analysis of NHANES](#)

A exploratory risk stratification tool is developed. Education, race, and hearing level are key contributing variable. The linear PTA-cognition relationship suggests hearing screening may aid in early risk stratification for cognitive impairment.

[The potential of nature exposure to reduce agitation: lessons from a naturalistic observational study in a stage-adaptive, dementia-friendly therapy garden](#)

The findings suggest that multimodal therapeutic gardens can serve as an effective non-pharmacological intervention in reducing agitation and supporting psychological well-being in people with dementia. This study adds to the growing evidence that therapeutic gardens could contribute to the functional and emotional health of individuals living with dementia.

[Voice Changes Could Be an Early Sign of Dementia](#)

Changes in the pitch, volume or clarity of your voice could be an early warning sign of dementia, according to a new analysis. The [study](#) found that older adults who experienced diminishing voice quality were at increased risk of cognitive impairment or dementia than their peers without a voice disorder.



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News

[Calling for a cancer-style revolution for dementia care](#)

Dementia diagnosis, treatment, care and support needs to make the same progress that transformed cancer care.

['Dementia is still a taboo': Actor Manjinder Virk launches powerful new film](#)

The film, about a family affected by dementia, challenges stigma, encourages conversations and shines a light on the impact dementia has on carers.

[New Brain Health Centre marks a step change in dementia diagnosis and prevention](#)

A UK-first brain health clinic that is set to transform how dementia is diagnosed, slowed down or prevented launches today in Manchester. Designed as a scalable model that could be adopted nationwide, it represents a major step forward in reshaping the UK's approach to brain health and dementia care.

[Football managers unite to raise awareness of dementia](#)

Football managers unite to raise awareness of dementia as new research reveals devastating consequences of diagnosis delays.

[Researchers warn social media driving harmful misuse of Alzheimer's blood tests](#)

Researchers have warned that social media may be misleading healthy people into taking Alzheimer's blood tests, causing severe anxiety over biological markers that may never actually cause dementia.

[Minister of State for Social Care and Mental Health speech on dementia](#)

Minister Alison McGovern delivered the keynote speech at the Alzheimer's Society Conference 2026 in London, highlighting the government's action on dementia.

[What decades of research has taught us about brain health and dementia risk](#)

Discover how Insight 46, part-funded by Alzheimer's Research UK, has transformed our understanding of brain health and dementia risk.

