

Early Detection of Preclinical Alzheimer's Disease Through Functional Markers in Women: An Observational Literature Analysis

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ALZHEIMER'S
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INTRODUCTION

Alzheimer's disease begins many years before clinically detectable dementia. Subtle functional and behavioral changes may emerge during the preclinical stage, especially in women. Early functional observation may contribute to preventive strategies and cognitive health promotion.



OBJECTIVE

To investigate early functional markers associated with preclinical Alzheimer's disease in women through an observational literature analysis.



METHODS

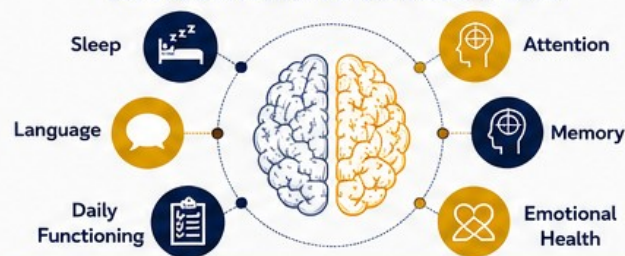
- ✓ Observational literature analysis
- ✓ Comparative approach
- ✓ Nun Study comparison
- ✓ Functional markers evaluation
- ✓ Women-focused analysis

RESULTS

KEY FUNCTIONAL MARKERS

- ✓ Sleep impairment
- ✓ Subjective memory complaints
- ✓ Attention decline
- ✓ Emotional overload
- ✓ Language changes
- ✓ Social withdrawal

FUNCTIONAL CHANGES OBSERVED BEFORE CLINICALLY DETECTABLE DEMENTIA



DISCUSSION

- ✓ Alzheimer's disease develops progressively over years
- ✓ Functional manifestations may emerge before dementia
- ✓ Women may present increased cognitive vulnerability
- ✓ Early observation may support prevention strategies



CONCLUSION

“Early functional changes may emerge long before dementia becomes clinically visible.

Functional observation may represent an accessible and complementary strategy for prevention and early cognitive health intervention.”

“Functional changes may emerge long before dementia becomes clinically visible.”

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