

Improving Communication and Health Outcomes for Latinos with Alzheimer’s Disease Through a Culturally Tailored Interactive Visualization Tool



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INTRODUCTION

METHODS

Latinos with Alzheimer’s disease and related dementias (ADRD) face significant barriers in diagnosis and treatment.

Challenges are especially common in primary care settings due to:

- Time constrains
- Reliance on detailed verbal explanations that are difficult to retain

Communication Barriers are driven by:

- Language discordance
- Low health literacy
- Severity of cognitive impairment

These barriers contribute to:

- Poor adherence to care plans
- Delayed care

There is a need for culturally appropriate, person-centered interventions to improve communication and care outcomes.

Clear Session, Inc. and UTHealth Houston have developed a digital visualization tool to enhance communication during primary care visits for Latinos with ADRD and their care partners.

Visual Roadmap of ADRD Progression

Identification / Management of Neuropsychiatric Symptoms

Medication support

Modules are refined through feedback from Latinos with ADRD, their care partners, and primary care providers.

RESULTS

CONCLUSIONS

REFERENCES

Revised modules were evaluated in three focus groups:

- Provider group (n = 4)
- Two Patient/Caregiver groups (n = 12)

Topics:

- Usability and acceptability
- Design
- Content

Next steps involve feasibility testing of a culturally tailored, interactive visualization tool with 10 Latinos living with ADRD, their care partners, and primary care providers during simulated clinical encounters.

Outcomes are:

- Usability and cognitive load
- Communication impact
- Cultural and linguistic fit
- Implementation considerations

Data sources will include:

- Video- and screen-recorded encounters
- Post-session interviews

Please scan the QR code to view our references

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