

Measuring What Matters Most to People Living with Alzheimer's Disease and Care Partners: What Matters Most Quantitative Research Development

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BACKGROUND

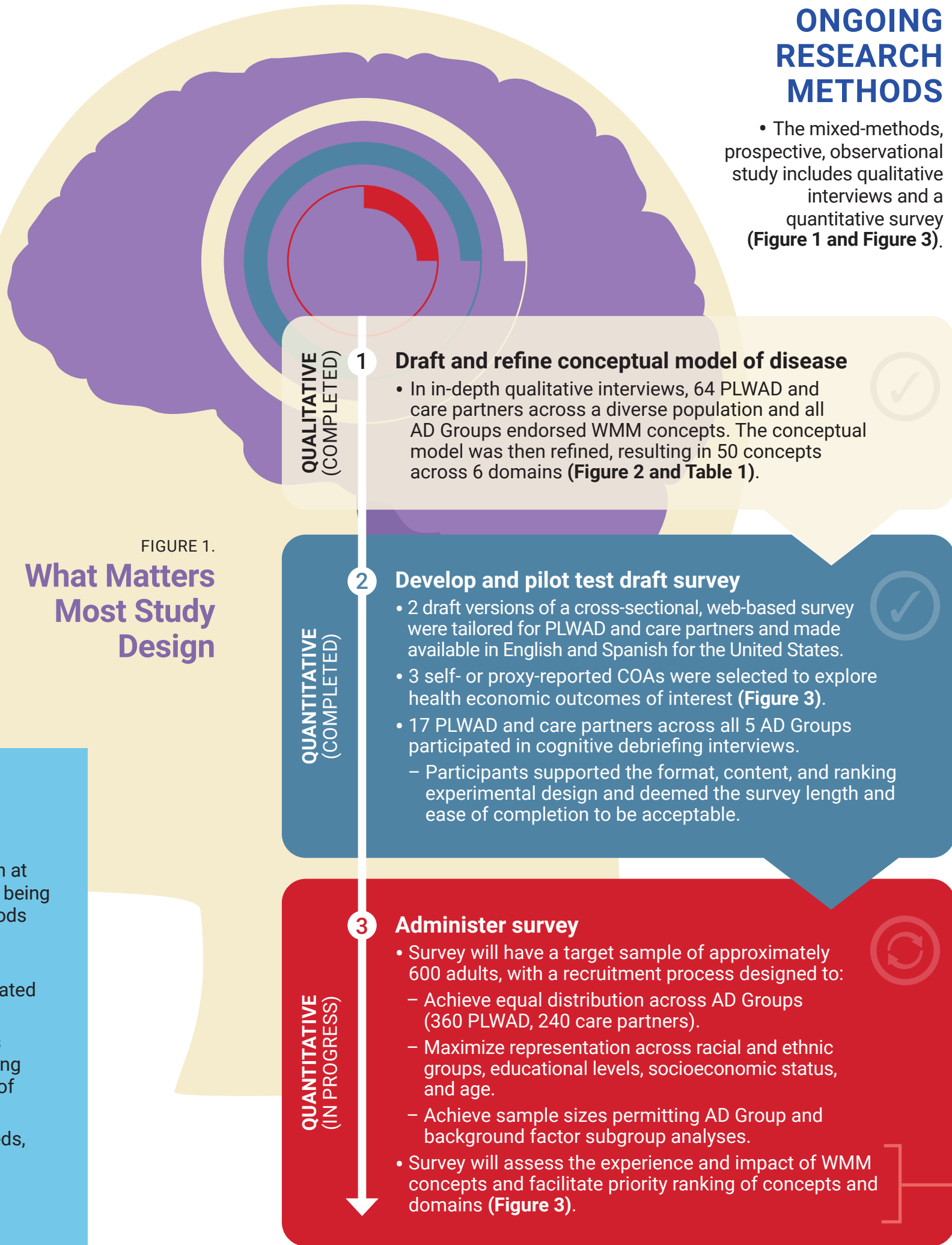
- The What Matters Most (WMM) in Alzheimer's disease (AD) research program—sponsored by the Alzheimer's Disease Patient and Caregiver Engagement (AD PACE) initiative—is a series of studies seeking to identify and measure treatment-related needs, preferences, and priorities of people at risk of or living with Alzheimer's disease (PLWAD) and their care partners.
- Previous WMM research supported identification of 42 concepts deemed important to PLWAD and care partners, and mapping of WMM concepts to widely used clinical outcome assessments (COAs).¹⁻³
- The current research builds upon previous studies to identify priorities among WMM concepts and further characterize the lived experience of PLWAD and care partners across diverse and inclusive populations.

OBJECTIVES

- Assess the lived experience and priorities among PLWAD and care partners and refine a draft conceptual model of disease.
- Develop a quantitative survey aiming to:
 - Evaluate meaningful treatment goals and the impact of the lived experience of WMM concepts.
 - Determine ranked priorities among WMM concepts and concept domains.
 - Refine and verify components of the conceptual model through quantitative evaluation of the construct validity and concept domain structure.

CONCLUSION: Ongoing Research and Goals

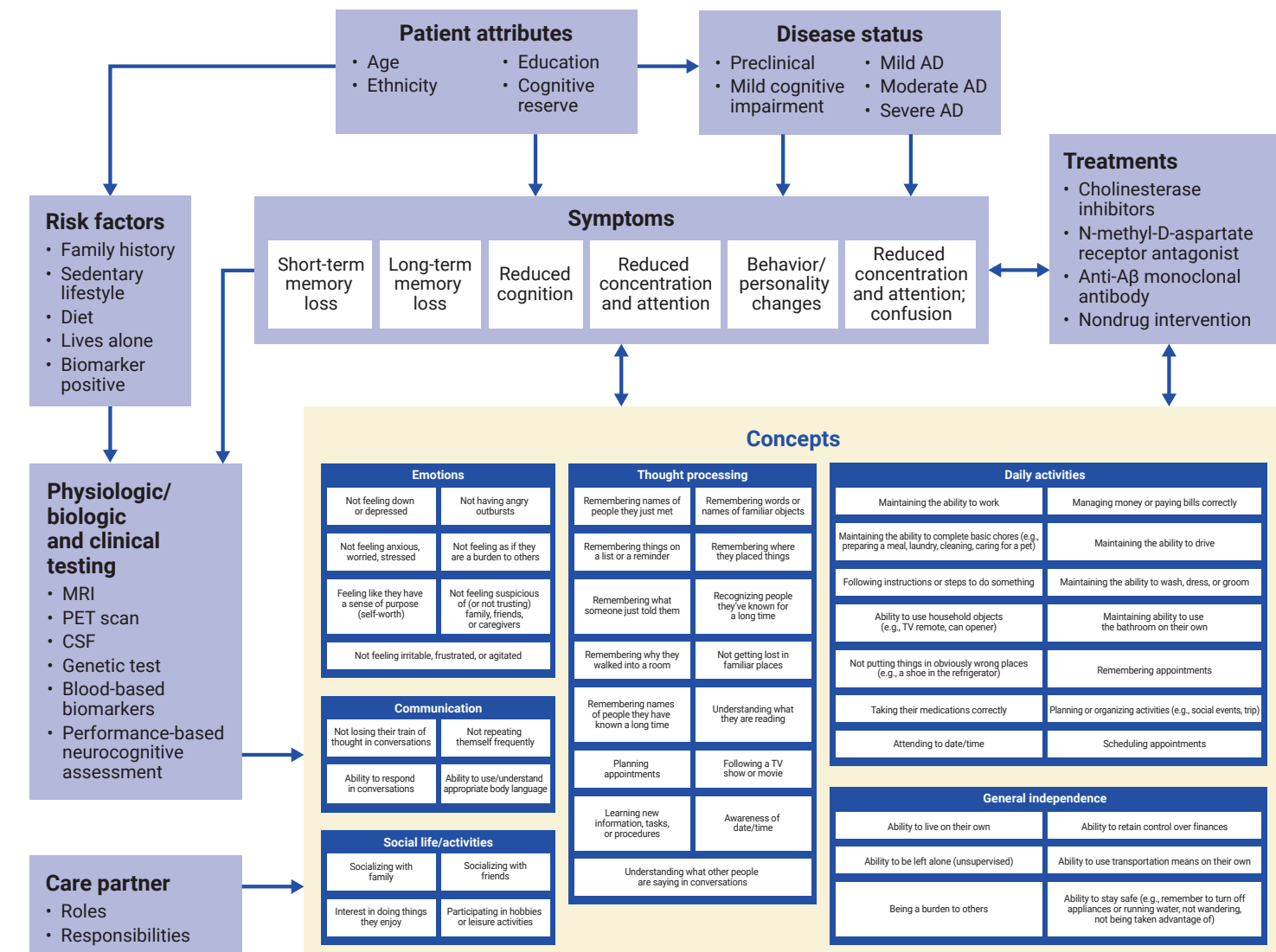
- A target sample of 600 adults across the spectrum of disease with at least 50% Black, Asian, Hispanic, or mixed ethnicity participants is being recruited to complete a quantitative survey as part of mixed-methods research to evaluate the lived experience of AD (Figure 1).
- Qualitative research supported and verified WMM concepts across a larger, more diverse participant population and facilitated development and testing of a conceptual model of disease.
- Quantitative surveys will assess the impact of WMM concepts on the lived experience of AD, determine ranked priorities among PLWAD and care partners, and validate the conceptual model of disease in a more diverse population.
- Results of this study are intended to inform treatment-related needs, selection of important patient-centric outcome measures, and development of study endpoints to better guide the development and evaluation of AD treatments and services.



ONGOING RESEARCH METHODS

- The mixed-methods, prospective, observational study includes qualitative interviews and a quantitative survey (Figure 1 and Figure 3).

FIGURE 2. What Matters Most Conceptual Model of Disease



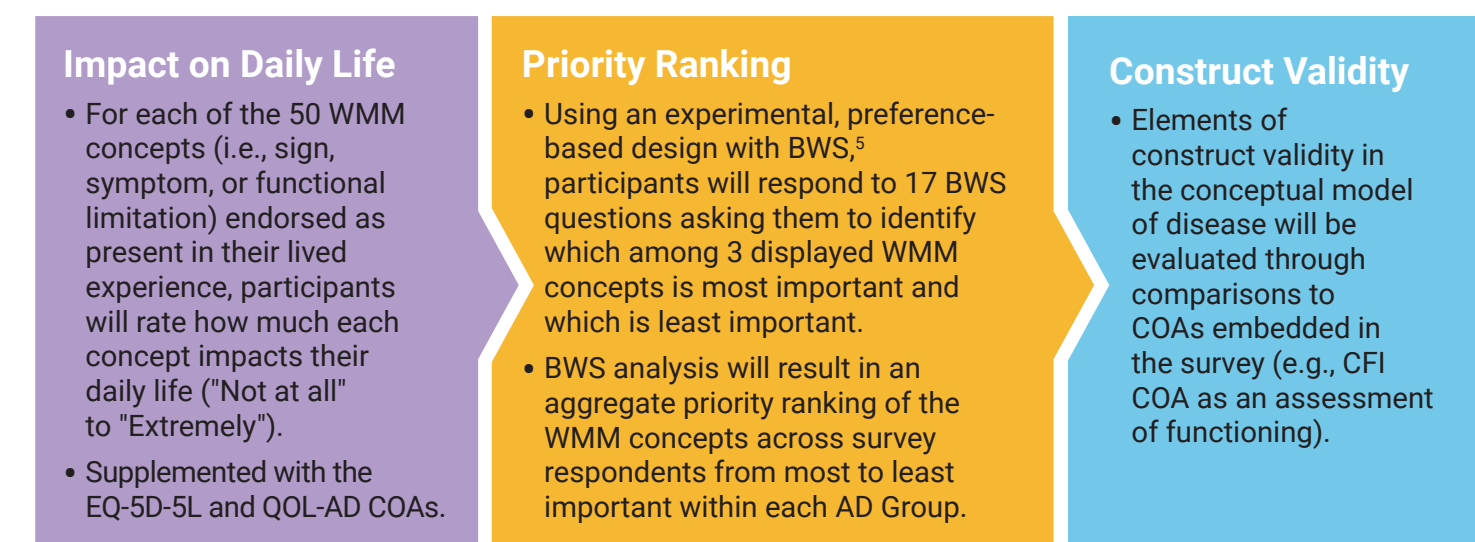
CSF = cerebrospinal fluid; MRI = magnetic resonance imaging; PET = positron emission tomography. Note: The conceptual model of disease was previously presented at the Clinical Trials on Alzheimer's disease (CTAD) meeting held 24-27 October 2023 in Boston, MA, United States.⁴

TABLE 1. AD Groups

AD Groups (Informed by Disease Severity)	
Group 1: Individuals ^a with unimpaired cognition (per self-report) who have evidence of AD pathology	Group 3: Individuals ^a with mild AD dementia
Group 2: Individuals ^a with mild cognitive impairment and evidence of AD pathology	Group 4: Individuals ^b with moderate AD dementia
	Group 5: Individuals ^b with severe AD dementia

^aParticipants include PLWAD. ^bParticipants include care partners of PLWAD.

FIGURE 3. What Matters Most Final Quantitative Survey Design



BWS = best-worst scaling; CFI = Cognitive Function Index; QOL-AD = Quality of Life in Alzheimer's Disease.



Scan me for further details

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