

### **Inclusion of Women and Members of Racial and / or Ethnic Minority Groups**

The planned feasibility cohort includes 40 participants, with a 1:1 split between mild cognitive impairment (MCI) and normal cognition (NC). Based on the updated Inclusion Enrollment Report, planned sex distribution is 21 women and 19 men. Planned race distribution is 30 White participants, 5 Black or African American participants, and 5 Asian participants (with 0 participants in the American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander, and More than One Race categories). Planned ethnicity distribution is 4 Hispanic or Latino participants and 36 not Hispanic or Latino participants.

This planned distribution is designed to support feasibility estimation in a cohort that is consistent with prior recruitment patterns while still preserving inclusive eligibility. The scientific objective of this proposal is to assess feasibility, acceptability, and implementation risks of the intervention platform, not to estimate differential effectiveness by demographic subgroup. Even so, sex, race, and ethnicity distributions will be tracked prospectively and reported through the Inclusion Enrollment Report.

Recruitment will occur through referral pathways and outreach associated with the MGB Memory Division and MADRC. Outreach materials and consent communication will use clear language, and staff will monitor enrollment continuously so recruitment efforts can be adjusted if underrepresentation emerges in any sex, racial, or ethnic group. There is no protocol-based exclusion by sex, race, or ethnicity.

For existing resources, we will use prior I-CONNECT data to inform model and protocol development. The published Table 1 for that dataset reports sex and race composition (130 women, 56 men; 149 White participants and 37 participants who were not White, total N=186), while ethnicity categories are not separately reported in that table. These limits are acknowledged, and the prospective feasibility cohort will include complete sex, race, and ethnicity reporting in its Inclusion Enrollment Report.