Study Timeline

This project will be completed over two years with a month-wise schedule that starts recruitment-related work earlier. Development of Conversational Artificial Intelligence with Multimodal Interaction for I-CONECT (AIMI-CONECT) will be completed within the first 6 months. Preparation for the single-arm human feasibility study will begin in Month 3 and run in parallel with final development activities so recruitment can begin as soon as development is ready.

Period	Major activities
Month 1–6	AI protocol translation, multimodal system integration, safety/compliance workflow buildout, internal testing, and readiness verification.
Month 3–6	Human-study preparation in parallel with development, including study operations setup, staff workflow preparation, recruitment material finalization, and coordination with MGB and MADRC.
Month 6 onward	Start recruitment, screening, and rolling enrollment for the single-arm feasibility cohort.
Month 6 onward through Year 2	Intervention delivery (four 15-minute sessions per week for six weeks per participant with weekly staff check-ins), ongoing safety and adherence monitoring, feasibility and acceptability assessment, and iterative refinement planning.

Additional milestones and operational detail will be provided as just-in-time or post-award information if requested by the sponsor.