

AI Boosts Outpatient Speech Therapy Outcomes in NY Pilot

Burke Rehabilitation and Constant Therapy Launch Collaboration



Pilot participants included individuals recovering from stroke and traumatic brain injury. Patient outcomes were measured by comparing their latest scores to baseline scores across 91 Constant Therapy tasks.

AI-Powered Therapy Boosts Recovery Results

KEY OUTCOMES: HOME-BASED DIGITAL THERAPY SUPPORTS POST-ACUTE APHASIA RECOVERY



+64%

Average improvement in task processing speed*



+17%

Average increase in task accuracy

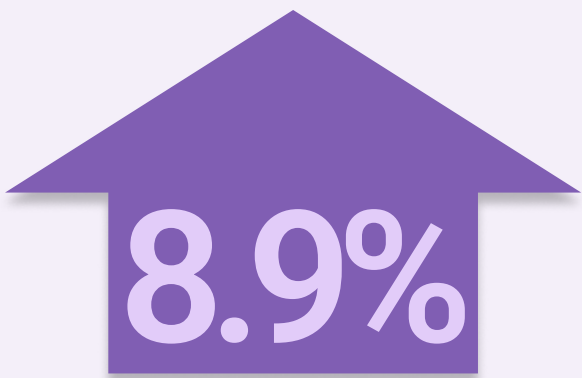


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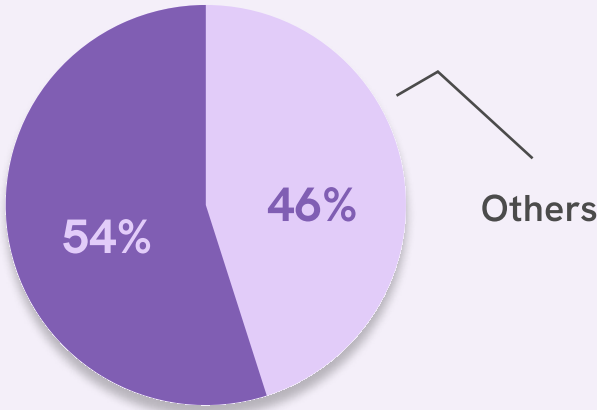
Additional therapeutic exercises completed independently at home

*Processing speed determined via latency percentile.

KEY OUTCOMES: PILOT SUGGESTS VALUE OF DIGITAL TOOLS IN APHASIA RECOVERY



Average cognitive improvement WAB-R* test



Participants with significant cognitive gains

*WAB-R assesses linguistic skills most frequently affected by aphasia, plus key non-linguistic skills, and provides differential diagnosis information.

“ AI has the potential to empower patients and caregivers with 24/7 access to innovative language and speech therapy tools. This integration motivates and enables participants to engage in additional practice at home between clinical visits.

— Susan Wortman-Jutt, MS, CCC-SLP, Advanced Senior Speech-Language Pathologist, Burke Rehabilitation

We are proud to be the first in the state to bring AI-driven cognitive and speech therapy tools to patients and caregivers. This will undoubtedly support our patients’ evolving needs on their individualized care journeys.

— Steven Tisser, PT, MBA, Vice President of Outpatient Services, Burke Rehabilitation



Burke Rehabilitation is a nationally ranked leader in neurological and physical recovery, delivering expert, research-backed care that helps patients regain independence and improve quality of life.



Constant Therapy Health is a next-generation digital health company whose technology is clinically proven to improve the efficacy of cognitive, speech, and language therapy, as well as increase access to and reduce the cost of therapy.

