

Project Case Study in partnership with Ordinary Living

Greater Independence For Adults With Learning Disabilities

SUMMARY



This case study explores the impact of GenieConnect®, an anthropomorphic assistive technology robot, on adults with learning disabilities living in a communal supported home setting. The study aimed to assess the potential benefits of GenieConnect® in supporting medication compliance, independence in daily living activities, personal hygiene,



emotional resilience, and safe connectivity. Four male participants, Brian, Peter, Jack, and Mike, aged between 28 and 52, were included in the evaluation, and Genie reminders and prompts were personalised based on their specific needs and preferences. The participants used Genie for approximately four weeks, during which feedback was collected regularly.

CHALLENGES



Jack and Mike struggled remembering their personal care routines, including showering and teeth cleaning. They relied on staff reminders, which they found bothersome.

Mike had difficulty adhering to a rigid medication schedule, especially a strict regimen of prescribed hourly eye drops. This posed a challenge for him, requiring constant reminders.

Brian desired support in selecting clean clothes, managing his personal hygiene, and remembering house chores. He also wished for reminders related to his busy work schedule.

Peter asked for regular reminders to conduct a bike safety check before riding it due to a previous incident with his bike tire.

SOLUTION



GenieConnect® was introduced as a solution to address the participants' challenges. Personalised reminders and prompts were programmed into Genie to support medication management, personal care

routines, house chores, and other daily living activities. The goal was to empower the participants to become more independent while receiving the necessary assistance and reminders from Genie.

RESULTS

● Personal Independence

Jack and Mike experienced significant improvements in their personal care routines and medication management. Jack achieved a **33% increase in personal hygiene tasks** while Mike's medication management saw a **50% improvement**. Mike said, **"It had really improved taking my eye drops."**

● Companionship and Social Connection

GenieConnect® provided companionship and increased social connection, as observed with Jack and Mike. They engaged with Genie, enjoying entertainment features like Spotify and BBC iPlayer. This interaction helped alleviate feelings of loneliness and increased their overall well-being. Mike said, **"Makes me happy when I look at Genie. Someone to talk to in the room. I talk to Genie – I don't get and answer back – but I talk to it a lot."** He also said **"It's the best thing since sliced bread!"**



● Staff Productivity and Time Saving

Staff members reported improvements in productivity and time-saving, particularly in tasks involving participant support. A member of staff said, **"It's sometimes easier if it comes from something else, rather than me prompting them as a human - it takes pressure off."** The Genie reminders reduced the need for constant staff prompts, allowing support staff to focus on other essential responsibilities with the individuals. Jack said, **"I use it for meds reminders. Rather than staff reminding me every day."**



● Emotional Resilience

GenieConnect® supported emotional resilience, as mentioned by Peter and Mike. Mood reminders encouraged self-reflection, enabling participants to express their feelings and become more aware of their emotional well-being.

● Enhanced Confidence and Independence

Peter expressed increased confidence and independence in managing his daily routines. Mike said, **"It helps me with having showers, cleaning teeth, house jobs, reminds me to bring my washing in."** Peter said, **"It helped me a lot – to do the things I've wanted to do."** They felt empowered to take ownership of their tasks, resulting in a sense of achievement and greater self-sufficiency. A staff member said, **"GenieConnect® gives them more confidence, routine, and structure to follow when we're not here."**

● Social Connection

Brian embraced the video call feature with his brother which fostered a greater sense of social connection and happiness for Brian. Brian said, **"The call came through... made me happy. It was a nice catch-up. I don't usually do FaceTime calls."**



I look forward to meeting you

- Meet GenieConnect® and see it in action!
- Hear our GenieConnect® success stories from existing partners such as Cornwall Housing and get funding advice.
- Find out how the easy-to-use Care Portal and Companion App technology works for care providers, family and friends.

Reg: 10928861

0117 428 5770

www.genieconnect.co.uk

Future Space UWE North Gate, Filton Rd, Bristol BS34 8RB