

MOBILITY TECHNOLOGY HOME ASSESSMENT CHECKLIST

The Home Accessibility Therapist



THE
HOME ACCESSIBILITY
THERAPIST LLC

MOBILITY TECHNOLOGY HOME ASSESSMENT CHECKLIST

Use this checklist to ensure home assessments reflect current and emerging mobility technology considerations.

Smart Mobility Devices

- Observe the client using their actual device in the home.
- Assess how the device performs in real environmental conditions, not just based on measurements.
- Identify potential sensor interference such as mirrors, glass, clutter, or poor lighting.
- Evaluate turning patterns, navigation flow, and obstacle interaction.

Charging and Battery Management

- Identify a dedicated, accessible charging location.
- Ensure the setup is safe, with no tripping hazards, moisture exposure, or overheating risks.
- Assess whether the client can connect and disconnect the charger independently.
- Incorporate charging into the daily routine assessment by asking the client to demonstrate their process.

Home Automation and Smart Systems

- Check Wi-Fi strength and reliability throughout the home.
- Identify which systems are automated, such as lighting, doors, and thermostat controls.
- Evaluate system integration, including whether the client must manage one platform or several apps.
- Ensure controls are accessible from the client's primary positions, including wheelchair, bed, or seating.
- Confirm backup options if automation fails.

Client Cognitive and Tech Capacity

- Assess the client's comfort level with technology, including apps, voice control, and device interfaces.
- Evaluate the ability to follow multi-step processes.
- Discuss troubleshooting strategies when systems fail.
- Identify available supports such as caregivers, family members, or technical help.
- Match recommendations to usability, not just theoretical capability.



Environmental Fit and Device Variability

- Measure the client's actual device rather than relying on standard assumptions.
- Account for accessories, add-ons, and possible future modifications.
- Observe real-time movement patterns within key spaces.
- Reassess fit across all essential areas, including bathroom, bedroom, entry, and kitchen.

Future-Proofing Considerations

- Plan for potential device upgrades or changes.
- Evaluate the flexibility of current modifications.
- Consider slightly increased clearances where appropriate.
- Choose adaptable solutions over fixed ones when possible.

Key Clinical Question Prompts

- Can this technology function reliably in this environment?
- Can the client use this system consistently and independently?
- What happens if this system fails?
- Will this setup still work one to three years from now?

Reminder

Home assessments now need to address more than accessibility alone. They also need to examine compatibility between the person, the technology, and the environment.

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