Environmental Interventions and Modifications for Individuals with Down Syndrome: Creating an Assessment Tool and Social Story for Increased Participation

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Identified Needs

- Assessment component and intervention strategies for individuals with Down syndrome
- Additional recommendations for home modifications
- Additional DME and environmental recommendations for clients served
- Evidence-based environmental modifications
- Social story to be given to children during home assessment to explain the process at an age appropriate level
- Community and national resource guide for individuals with Down syndrome

Mission: To create safer, more accessible homes and environments for children and young adults with disabilities

Vision: To see all families of children with disabilities have access to the necessary resources needed to make their homes both safe and accessible and fully equipped for immediate, intermediate and long-term needs (Tucker's House, 2021)

Achieved Goals of the Capstone

- Demonstrated innovation and professional reasoning
- Advocated for the occupational potential, performance, and engagement of clients
- Identified and synthesized best evidence of the population and agency in development of the final projects
- Demonstrated the application of knowledge of relevant contextual factors
- Communicated and collaborated with expert and faculty mentors, clients, staff, and peers to identify meaningful ways to transcend system limitations
- Developed greater empathy, compassion, and understanding of clients served
- Developed scholarly skills by critiquing, analyzing, and disseminating information to determine best practice

Outcomes of the Capstone

- Completed home assessments under a licensed PT to gain a better understanding of home modifications and lived experiences of clients served
- Researched and completed literature review focused on specific issues related to Down syndrome
- Created assessment tool for individuals with Down syndrome for efficiency during home assessments
- Wrote and designed social story book to give to clients and families to explain home modification process and DME in an age appropriate way
- Compiled resource list for families related specifically to Down syndrome
- Contributed to future student resource packet

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Tucker's House Families and Volunteers-Thank you for sharing your stories and allowing us to grow and learn together.