Exploring the World of ON TIME Pediatric Power Mobility

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Exploring the World of ON TIME Pediatric Power Mobility

Lauren Hanna, OTD/S

Faculty Mentor: Dr. Teresa Plummer, PhD, OTR/L, CAPS, CEAS, ATP
Expert Mentor: Suzanne Satterfield, OTR/L

Mission:

Our mission is to educate and care for children with special needs and medical conditions alongside their typically developing peers in inclusive environments and support their families.

Vision:

- Enhance the quality of life for children and their families.
- Eliminate barriers to services for children with special needs.
- Empower families as they seek to meet the needs of their children.
- Improve the community as a whole; child by child, family by family.
- Celebrate each child’s unique potential.

Identified Needs

Children with delayed or impaired self-initiated mobility are deprived of critical developmental learning experiences. All children deserve access to ON TIME mobility. The Explorer Mini is the first power mobility device in the world to provide ON TIME mobility to children 12-36 months.

- Comprehensive review of existing literature on pediatric power mobility.
- In-depth understanding of pediatric development as it relates to mobility.
- Innovative integration of cross-disciplinary research.
- Educational materials for classroom management and environmental adaptation specifically for children with delayed self-initiated mobility.
- Instructional resources for caregivers of wheelchair users.

Outcomes of Project

- Created a comprehensive, developmentally-appropriate, and evidence-based protocol for the Exploration Stage of the Explorer Mini Introduction Protocol.
- Initiated solutions and created sample garments for cost effective clothing adaptations for pediatric wheelchair users.
- Drafted and submitted publishable article “The Right to Explore” for OT Practice Magazine.
- Created educational presentation for therapist-led in-service to preschool teachers about child handling and environmental adaptations for students with hypo- vs. hyper-tonicity at First Steps, Inc.
- Completed literature review of pediatric power mobility, pediatric development, and developmentally-appropriate educational strategies.
- Completed the WHO Basic Wheelchair Service Provider Certification training.
- Developed advanced practice skills in pediatric power mobility, clinical research, and community-based service provision.

Goals of Project

- Strengthen professional skills of research, education, and service provision in the area of pediatric development and power mobility.
- Scholarly contributions to the growing body of research of ON TIME pediatric power mobility.
- Create resources for therapists, caregivers, and parents to improve the quality of life for children without access to ON TIME mobility.
- Deepen understanding of the lived-experience of pediatric wheelchair users.

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References Available Upon Request