

Background and Purpose

Background

- Early childhood power mobility (ECPM) helps children with neuromuscular and orthopedic conditions improve mobility and attain developmental milestones (Henderson, Skelton, & Rosenbaum, 2008).
- The standard GoBabyGo model calls for scheduled car "build" events that occur several times yearly, introducing a gap between child identification and ECPM provision.
- Significant gaps may mean missing developmentally sensitive periods, mitigating the benefits of the ECPM device.

Purpose

Establish a time sensitive model of GoBabyGo to minimize the impact of developmental differences between time of ECPM recommendation and provision.



Introducing an On-Demand Model for GoBabyGo Early Childhood Power Mobility Provision

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Model 1.

and implementation.

Model 2.

Sample

Design

Statistical Method

Construct	1
ROM	(
Spasticity	ľ
Function & QOL	I
Trunk Control	Č,
Selective Motor Control	C Z
	0
Parental Stress	I



beneficial for child development.

schedules. Barrier was overcome by:

- Providing release time schedules for therapists

Assessment(s) Goniometry Modified Ashworth Pediatric Evaluation of Disability Inventory (PEDI) Segmental Assessment of Trunk Control Selective Control Assessment of the Lower Extremity (SCALE) Quality of Upper Extremity Skills Test (QUEST) Parenting Stress Index (PSI-4-SF)

Results

We predict that the on-demand GoBabyGo model will be both feasible and

Discussion and Conclusion

The primary barrier to implementation was coordination of varying

Student roster to complete evaluations and modifications

Implementing a plan to ensure institutional memory

Because the on-demand model puts children in cars faster than the traditional model, we propose that the benefits justify the costs.