PRELIMINARY SUITABILITY RESULTS

Name	Age	Diagnosis	GMFM-66 Change Score*	Mean Change Score expected Over 12 mos.**	GMFCS Level***	Child Exceeded Mean Change Score Expected Over 12 mos.	
Alex Q.	9	spastic diplegia	5.18	0.9	III	Yes	
Anna G.	35 mo.	hypotonic quad	3.5	4.0	IV		No
Ryan S.	9	spastic diplegia	1.00	0.9	III	Yes	
Sam W.	19	athetoid quad	7.47	0.9	III	Yes	
Carissa J.	8	spastic quad	2.65	0.43	IV	Yes	
Jimmylah A.	10	mixed athetoid	2.12	0.85	V	Yes	
Raquel S.	11	spastic diplegia	0.41	2.04	II		No
Carrie M.	13	spastic diplegia	3.65	2.04	II	Yes	
Kylie B.	7	spastic athetoid	2.71	0.43	IV	Yes	
Peter L.	3	spastic quad	7.18	0.97	V	Yes	
Keith C.	9	spastic diplegia	1.77	0.43	IV	Yes	
Jeffery A.	5	spastic diplegia	4.29	2.5	III	Yes	
Angelica V.	3	spastic diplegia	2.17	1.86	III	Yes	
Evan S.	3	spastic diplegia	2.59	1.86	III	Yes	
Jeffrey A.	6	spastic diplegia	0.53	0.90	III		No
Bob C.	15	spastic quad	-0.88	0.43	IV		No
Matthew D.	3	ataxic quad	0.23	1.86	IV		No
Ryan F.	5	spastic quad	4.59	0.94	IV	Yes	
Tia N.	9	spastic di.(encephalitis)	1.65	0.9	III	Yes	
Katie H.	15	spastic quad	3.65	0.43	IV	Yes	
Zachary Z.	3	spastic di	8.94	5.46	II	Yes	
Angelica V.	4	spastic di	3.77	2.5	III	Yes	
Brigid M.	17	spastic quad	5.06	0.43	IV	Yes	
Paul K.	12	spastic left hemi	0	2.49	I		No
Marlon T.	8	spastic di	2.53	0.43	IV	Yes	
Nick P.	21	dystonic athetoid	3.71	0.43	IV	Yes	

*These scores were done prior to the completion of reliability testing of the therapists. The testers are currently participating in the process of becoming reliable in administering and scoring the GMFM.
**"Mean change scores expected over 12 months" represent change scores from other children with similar levels of gross motor abilities who were followed as part of a longitudinal study of motor development. The children were tested with the GMFM at the beginning and end of a 12 month period and received a variety of interventions, but primarily physical therapy.
***GMFCS levels are determined by matching each child's chronological age and functional abilities to a classification level which most accurately describes their gross motor abilities.

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OUTCOMES FROM PRELIMINARY DATA:

77% of children tested had change scores that exceeded those expected from receiving 12 months of typical intervention. (26 children tested)

By GMFCS Level:

- 0% of children with GMFCS Level I exceeded change scores expected from receiving 12 months of typical intervention. (only 1 child tested at this level)
- 67% of children with GMFCS Level II exceeded change scores expected from receiving 12 months of typical intervention. (only 3 children tested at this level)
- 89% of children with GMFCS Level III exceeded change scores expected from receiving 12 months of typical intervention. (9 children tested.)
- 73% of children with GMFCS Level IV exceeded change scores expected from receiving 12 months of typical intervention. (11 children tested.)
- 100% of children with GMFCS Level V exceeded change scores expected from receiving 12 months of typical intervention. (only 2 children tested.)

By age group:

- 88% of children ages 3-5 years exceeded change scores expected from receiving 12 months of typical intervention. (8 children tested.)
- 73% of children ages 6-12 years exceeded change scores expected from receiving 12 months of typical intervention. (11 children tested.)
- 83% of children ages 13-21 years exceeded change scores expected from receiving 12 months of typical intervention. (6 children tested.)

By diagnosis:

- 83% of children with spastic quadriplegia diagnosis exceeded change scores expected from receiving 12 months of typical intervention. (6 children tested.)
- 100% of children with athetosis diagnosis exceeded change scores expected from receiving 12 months of typical intervention. (4 children tested.)
- 85% of children with spastic diplegia diagnosis exceeded change scores expected from receiving 12 months of typical intervention. (13 children tested.)
- 0% of children with hemiplegia diagnosis exceeded change scores expected from receiving 12 months of typical intervention. (only 1 child tested.)
- 0% of children with hypotonia diagnosis exceeded change scores expected from receiving 12 months of typical intervention. (only 1 child tested.)
- 0% of children with ataxia diagnosis exceeded change scores expected from receiving 12 months of typical intervention. (only 1 child tested.)