

Appendix 1: Participants with diagnoses other than cerebral palsy

Diagnostic group	GMFCS age band	Gross motor abilities	Manual abilities	CFCS	LSS
Other stable neurological conditions					
Prematurity	Under 2	II - Sits independently, pulls to stand; steps with hand support	I - Handles objects easily	4	3
Spina Bifida	Under 2	III - Sits with low back support; scoots on floor	III - Handles a limited selection of objects	4	5
Down Syndrome	Under 2	III - Sits independently on floor; commando crawls	III - Handles a limited selection of objects	4	5
Down Syndrome	Under 2	IV - Sits with low back support; rolls on floor	II - handles objects, reduced speed and accuracy	4	4
Spina Bifida	Under 2	IV - Sits with trunk support; rolls on floor	II - Handles most objects, reduced speed and accuracy	5	3
Prematurity – ventilator dependent	2-4 years	IV - Sits independently; rolls on floor	III - Lifts and places simple toys	5	5
Prematurity	Under 2	I - Sits independently; pulls to stand; cruises	I - Handles most objects easily	4	4
Spina Bifida	4-6 years	III - Walks with braces and hand-held walker	I - Handles objects easily	1	8
Undiagnosed	2-4 years	V - Lacks ability to change position	V - presses a single switch	5	3
Spina Bifida	Under 2	IV - Sits with trunk support, rolls on floor	IV - grasps and releases a few simple toys	4	4
Hydrocephalus	2-4 years	IV - Sits independently; commando crawls	III - handles simple toys independently	4	5
Metabolic Disorder	4-6 years	V - Lacks ability to change position	V - touches switch with adult assistance	V	2
Neuromuscular Conditions					
Spinal Muscular Atrophy type 2	2-4 years	III - Sits independently, scoots on floor	I - Handles objects easily	I	5
Central Core Myopathy	Under 2	V - Lacks ability to change position	IV - Able to grasp simple, lightweight toys	IV	2
Spinal Muscular Atrophy type 1	Under 2	V - Lacks ability to change position	V - too weak to lift or handle objects.	IV	2
Spinal Muscular Atrophy type 2	Under 2	IV - Sits with trunk support; rolls on floor	II - handles most objects	III	5
Neuro-degenerative disorders					
Leukodystrophy	4-6 yrs	V - Lacks ability to change position	IV - Able to grasp a few easily managed objects	V	3
Pontocerebellar Hypoplasia	Under 2	V - Lacks ability to change position	V - touches switch with adult assistance	V	2
Metabolic Disorder	2-4 years	V - Lacks ability to change position	IV - able to grasp a few simple objects	V	2
Metabolic Disorder	Under 2	III - Sits independently on floor	III - handles simple toys independently	IV	5

CFCS =Communication Function Classification System; GMFCS =Gross Motor Function Classification System; LSS =Level of Sitting Scale