Need	Attribute	Metric	Unit	Value	Confidence	Owner	Reference
	Uses instinctive						
Easily	behavior to stop	Instinctive stopping					
stopped	forward motion	motion	[binary]	Yes	5	Actuator	
	Non-dexterous	Requirement to use					
	stopping motion	fingers when stopping	[binary]	No	5	Frame	
	11 0						
Customizable		Initial brake activation					
to user	Force adjustable	range (per side)	[lbs]	7.5-22.5	3	Actuator	4
	·	Height adjustment					
	Height adjustable	range	[in]	>10	5	Frame	1
	Has various levels of	Gradual brake					
Feels secure	stability	activation	[binary]	Yes	5	Brakes	
	Can lock when in stop	Ability to lock when					
	position	stationary	[binary]	Yes	5	Actuator	
		Vertical displacement					
	Frame feels stiff	under \pm 5lb loading	[in]	< 0.5	4	Actuator	
		Minimum brake					
	Mobile while bearing	activation load (per					
Moves easily	weight	side)	[lbs]	7.5	4	Actuator	4
		Only direct user					
	Non-user loading does	loading activates				Actuator,	
	not impede motion	brakes	[binary]	[Yes]	5	Frame	
	Easily pushed forward	Forward-directed force	[lbs]	<12	4	Brakes	3
	No lifting required to						
	move forward	Requirement to lift	[binary]	No	5	Actuator	
	Fits through doors	Width	[in]	<28	5	Frame	2
Can be							
transported							
by the user	Lightweight	Weight (of walker)	[lbs]	<15	4	Frame	1
		Distance moved by					
	System lasts for	brake surface under					
Durable	several years	50% of full brake load	[miles]	>100	4	Brakes	
	Compact when not in						
Easily stored	use	Depth when folded	[in]	<6	3	Frame	
	al Invacare 2 wheeled v		tions				
	A building requirements						
	dt, R., et al. "Quantitati		sisted Ga	it in Child	ren With Cer	ebral Pals	y: Anterior
	rior Walkers", IEEE, 20						
			al la a das a	voight %	avartad abtai	ned from y	various
4. Range of u	ser weights obtained fro	om benchmarking, typic	al body	weight 70 v	exerted obtai	neu nom	unous
	ser weights obtained fro	om benchmarking, typic	ar body	weight /0			
4. Range of u rehabilitation	ser weights obtained fro research						
4. Range of u rehabilitation	ser weights obtained fro research s are ordered by priority	/.					
4. Range of u rehabilitation	ser weights obtained fro research	/.					