

## Wheelchair Propulsion Test (WPT)<sup>®</sup> Version 1.0 Form

Subject # : Example #3 – person with left weakness. Date: \_\_. Time: \_\_ Test # \_\_

<b>Recorded Data*</b>	
1. Able to successfully complete the 10m distance?	Yes <input type="checkbox"/> <input checked="" type="checkbox"/> No <input type="checkbox"/>
2. Direction of travel	Forward <input type="checkbox"/> <input checked="" type="checkbox"/> Backward <input type="checkbox"/>
3. Limbs contributing to propulsion, steering or braking (tick all that apply)	Left: Hand <input type="checkbox"/> Leg <input type="checkbox"/> Right: Hand <input type="checkbox"/> Leg <input checked="" type="checkbox"/>
4. Limb monitored for timing propulsion cycles (tick one limb)	Left: Hand <input type="checkbox"/> Leg <input type="checkbox"/> Right: Hand <input type="checkbox"/> Leg <input checked="" type="checkbox"/>
5. Time (to nearest second)	45 s
6. Total number of propulsive cycles (to nearest full cycle)	24 cycles
7. If using one or more hands for propulsion in the forward direction, during the <i>contact phases</i> , did the subject generally begin the contact between the hands and the hand-rims behind the top dead center of the rear wheel?	Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable <input checked="" type="checkbox"/>
8. If using one or more hands for propulsion in the forward direction, during the <i>recovery phases</i> , did the subject generally use a path of the hands that was predominantly beneath the hand-rims?	Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable <input checked="" type="checkbox"/>
9. If using one or more <i>feet for propulsion</i> and going forward, did the subject make initial foot contact with the knee flexed less than 90° from full extension and finish with the knee flexed more than 90° (or the opposite if going backward)?	Yes <input type="checkbox"/> <input checked="" type="checkbox"/> No <input type="checkbox"/> Not applicable <input type="checkbox"/>
10. Comments: (e.g., position on seat, trunk and arm posture, hand grip, foot contact, consistency, need for training, footwear, equipment worn, wheelchair issues)	
Right arm only used to initiate movement. Slowed down about 2/3 of the way. Needed cueing to complete the 10m, having come to a stop just before the finish line.	
<b>Derived Wheelchair-Propulsion Data*</b>	
1. Speed: 10m / 45 # seconds =	0.22 m/s
2. Push frequency (cadence): 24 # cycles / 45 # seconds =	0.53 cycles/s
3. Effectiveness: 10m / 24 # cycles =	0.42 m/cycle

\*Directions on next page.

Tester signature: \_\_\_\_\_ Tester name (print): \_\_\_\_\_