

Wheelchair Propulsion Test (WPT)[®] Version 1.0 Form

Subject #: One hand, one foot . Date: Dec 6, 2012 . Time: 10:30am Test # 1

Recorded Data*	
1. Able to successfully complete the 10m distance?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
2. Direction of travel	Forward <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 checked="" 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 checked="" type="checkbox"/> Leg <input type="checkbox"/>
5. Time (to nearest second)	<u>26</u> s
6. Total number of propulsive cycles (to nearest full cycle)	<u>17</u> 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 checked="" type="checkbox"/> Not applicable <input 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 checked="" type="checkbox"/> Not applicable <input 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 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)	
<p align="center"><i>#8 - Arc recovery pattern. Arm and leg propulsion phases fairly well synchronized.</i></p>	
Derived Wheelchair-Propulsion Data*	
1. Speed: 10m / <u>26</u> # seconds =	<u>0.4</u> m/s
2. Push frequency (cadence): <u>17</u> # cycles / <u>26</u> # seconds =	<u>0.7</u> cycles/s
3. Effectiveness: 10m / <u>17</u> # cycles =	<u>0.6</u> m/cycle

*Directions on next page.

Tester signature: SA Tester name (print): _____