

**Wheelchair Skills Test (WST) Version 4.2 Form
Powered Wheelchairs Operated by Their Users**

Example 4: Wheelchair user with incomplete T10 spinal cord injury using a mid-wheel-drive wheelchair

#	Individual Skill	Capacity Score* (0-2)	Training Goal? (Y/N)	Comments
1	Moves controller/tiller away and back	NP		
2	Turns controller on and off	2		
3	Selects drive modes and speeds	2		Has speed adjustability only
4	Operates body positioning options	2		Has tilt, but no other positioning options
5	Disengages and engages motors	2		
6	Operates battery charger	2		Plugs into wall first
7	Rolls forwards (10 m)	2		
8	Rolls backwards (2 m)	2		Minor TE – shoulder checks could not be seen on video
9	Turns while moving forwards (90°)	2		
10	Turns while moving backwards (90°)	2		
11	Turns in place (180°)	2		
12	Maneuvers sideways (0.5 m)	2		
13	Gets through hinged door	2		
14	Reaches high object (1.5 m)	2		
15	Picks object up from floor	2		Minor TE – object not placed in front of wheelchair
16	Relieves weight from buttocks (3 sec)	2		Uses push-up/bridging method
17	Transfers to and from bench	2		Sideways. Footplate not moved. Used wall to get foot back on footplate.
18	Rolls 100 m	2		
19	Avoids moving obstacles	TE		Obstacle only presented from right side.
20	Ascends 5° incline	2		
21	Descends 5° incline	2		
22	Ascends 10° incline	2		
23	Descends 10° incline	2		
24	Rolls across side-slope (5°)	2		Minor TE – started too high on slope
25	Rolls on soft surface (2 m)	2		Gravel
26	Gets over gap (15 cm)	0		Front casters stuck in gap, despite attempts to rock out
27	Gets over threshold (2 cm)	2		
28	Ascends low curb (5 cm)	2		Started backwards but had to turn around due to spinning drive wheels
29	Descends low curb (5 cm)	TE		Not shown on video
30	Gets from ground into wheelchair	0		Declined
Total score:*		93%	50/ 54	

* See score options and formula for calculating total score on page 2

Comments:

The tester generally was positioned too far away to be able to spot effectively.

Training goals:

Person (if any) and address to whom the test subject would like a copy of the report to be sent:

Scoring Options for Individual Skills

Score	Score	What this means
Pass	2	Task independently and safely accomplished without any difficulty.
Pass with difficulty	1	The evaluation criteria are met, but the subject experienced some difficulty worthy of note.
Fail	0	Task incomplete or unsafe.
Not possible	NP	The wheelchair does not have the parts to allow this skill.
Testing error	TE	Testing of the skill was not sufficiently well observed to provide a score.

Formula for Calculating Total Scores

Total Capacity Score = $\frac{\text{sum of individual capacity scores}}{([30 - \# \text{ of NP and TE scores}] \times 2)} \times 100\%$

Copies can be downloaded from www.wheelchairskillsprogram.ca