

FAST FACTS
Wheelchair Use Confidence Scale (WheelCon)

Description/Use:

The WheelCon measures wheelchair confidence in 6 conceptual areas: (1) negotiating the physical environment; (2) activities performed in the wheelchair; (3) knowledge and problem solving; (4) advocacy; (5) managing social situations; (6) managing emotions.

There are two versions currently available: Wheelchair Use Confidence Scale for manual wheelchair users, WheelCon-M, (63 items) and Wheelchair Use Confidence Scale for powered wheelchair users, WheelCon-P (59 items). Both of these versions are available in both English and French. Development/validation of a WheelCon-M Short Form and a caregiver version are also underway.

Population:

Any adult user of a manual or powered wheelchair.

Type of Administration:

Self-Report.

Time to Administer:

~ 11 minutes.

Response Scale:

0 (not confident at all) – 100 (completely confident)

Scoring:

Wheelchair Confidence = sum of all items / total number of items x 100%

Interpretation:

Higher scores = higher wheelchair confidence

Relevant References:

1. Rushton PW, Miller WC, Kirby RL, Eng JJ, Yip J. Development and content validation of the Wheelchair Use Confidence Scale: A mixed-methods study. *Disabil Rehabil Assist Technol* 2011; 6:57-66.
2. Rushton PW, Miller WC, Kirby RL, Eng JJ. Measure for the assessment of confidence with manual wheelchair use (WheelCon-M) version 2.1: Reliability and validity. *J Rehabil Med* 2013; 45: 61-67.