

**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.