

NINDS CDE Notice of Copyright
Multiple Sclerosis Functional Composite: Timed 25-foot Walk (T25FW)

Availability:	Freely available on the NMSS website: Please click here for the Timed 25-foot Walk (T25FW) website.
Classification:	Supplemental for MS and ALS Core for FA
Short Description of Instrument:	<p>Construct Measure: Quantitative mobility and leg function performance test.</p> <p>Generic vs. disease specific: Generic.</p> <p>Means of administration: In person by a trained examiner, who need not be a physician or nurse.</p> <p>Intended respondent: Administrator.</p> <p># of items: N/A.</p> <p># of subscales and names of sub-scales: N/A.</p> <p># of items per sub-scale: N/A.</p>
Comments/Special instructions:	<p>Scoring: Score for the Timed 25-foot Walk (T25-FW) is the average of the two completed trials. This score can be used individually or used as part of the MSFC composite score.</p> <p>Background: The T25-FW is a quantitative mobility and leg function performance test based on a timed 25-walk. It is the first component of the MSFC to be administered at each visit. The patient is directed to one end of a clearly marked 25-foot course and is instructed to walk 25 feet as quickly as possible, but safely. The time is calculated from the initiation of the instruction to start and ends when the patient has reached the 25-foot mark. The task is immediately administered again by having the patient walk back the same distance. Patients may use assistive devices when doing this task.</p>
Rationale/Justification:	<p>Strengths/Weaknesses: Gait speed in general has been demonstrated to be a useful and reliable functional measure of walking ability. The T25-FW is similar to the Ambulation Index, but while the T25-FW measures the time needed to complete the task, the AI uses a clinical rating of a performance category.</p> <p>Psychometric Properties: The T25-FW has high inter-rater and test-retest reliability and shows evidence of good concurrent validity.</p> <p>Administration: Administration time will vary depending upon the ability of the patient, but should be approximately 1-5 minutes. When administering the 25-FW, patients are allowed to use assistive devices (canes, crutches, walkers). In addition special instructions are provided for scoring patients who are unable to complete the assessment due to severity of impairment.</p>