

**NINDS CDE Notice of Copyright
Patient Determined Disease Steps (PDDS)**

Availability:	<p>Please visit the NMSS website for more information: Please click here for the National MS Society website.</p> <p>The Patient Determined Disease Steps (PDDS) is also available in the original journal article where it was first published, Hohol, et al (1995).</p>
Classification:	Supplemental.
Short Description of Instrument:	<p>Construct measured: Motor function.</p> <p>Generic vs. disease specific: Disease specific.</p> <p>Means of administration: Self administered.</p> <p>Intended respondent: Patient.</p> <p># of items: 9.</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: The PPDS was used to categorize participants into three groups according to level of disability: a score of 0-2 indicated mild disability, respresented by sensory symptoms but no limitations in walking; a score of 3 to 5 indicated moderate disability, represented by symptoms that interfered with daily activities, especially walking, and need for a cane; an a score of 6 to 8 indicated severe disability, represented by the need for bilateral support, wheelchair use or being bedridden.</p> <p>Background: The PDDS is an ordinal clinical rating scale developed by Hohol et al (1995) to provide a straightforward assessment of functional disability in MS primarily based on ambulation. It was designed to aid in determining when to implement therapy and as a way to monitor treatment response. Scores range from 0 (normal) to 6 (essentially confined to wheelchair). There is a separate category for patients who are not classifiable.</p>
References:	<p>Key Reference: Gulick E., Namey, M., Halper, J. Monitoring My Multiple Sclerosis: A Patient-Adminitered Health Assessment Scale. <i>Int J MS Care</i>.</p> <p>Other References: Vollmer TI, Ni W, Stanton S, Hadjimichael O. The NARCOMS patient registry: a resource for investigators. <i>Int J MS Care</i>. 1999;1:12–15.</p> <p>Kurtzke JF. Neurologic impairment in multiple sclerosis and the Disability Status Scale. <i>Acta Neurol Scand</i>. 1970;46:493–512.</p>

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Rationale/ Justification:	<p>Strengths/ Weaknesses: The rating itself is simple and brief. However, the information needed to arrive at a rating generally requires a medical history and both general physical and neurological examinations, including having the patient walk 25 feet.</p> <p>Psychometric Properties: The Patient-Determined Disease Steps (PDDS) content validity is indicated by consistency of the items with the Expanded Disability Status Scale (EDSS). Construct validity is indicated by a correlation between the PDDS and EDDS scales of 0.96.</p> <p>Administration: The Patient Determined Disease Steps (PDDS) scale is a self administered Disability assessment for patients with MS. Administration time will vary depending upon the ability of the patient. Total administration time should be approximately 1-5 minutes. Although the PDDS itself can be rated in a few minutes, the medical history and neurological examination that may be needed to make the ratings can take anywhere from 15 minutes to a half-hour.</p>
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