

**NINDS CDE Notice of Copyright
Multiple Sclerosis Impact Scale (MSIS-29)**

Availability:	<p>The copyright for the MSIS-29 belongs to the Neurological Outcome Measures Unit and inquiries for use may be sent to:</p> <p>Neurological Outcome Measures Unit 4th Floor Queen Mary Wing, NHNN, Queen Square, London WC1N 3BG, UK. Permission must be obtained for use.</p>
Classification:	Supplemental
Short Description of Instrument:	<p>Construct measured: Physical and psychological impact of MS from a patient's perspective</p> <p>Generic vs. disease specific: Disease specific</p> <p>Means of administration: Self report in person or by mail</p> <p>Intended respondent: Patient</p> <p># of items: 29</p> <p># of subscales and names of sub-scales: N/A</p> <p># of items per sub-scale: N/A</p>
Scoring:	<p>Scoring: Scores for MSIS-29 scales are generated by summing items (ranging from 29-145). A combined score can be generated (although not recommended by the author) , but preferably both components should be reported separately. Scores can be transformed to have a range of 0-100 (refer to Hobart et al 2001). Transformation to interval measures can be achieved by undertaking a RASCH analysis, or by contacting the authors.</p> <p>Background: The Multiple Sclerosis Impact Scale (MSIS-29) is self report questionnaire measuring the physical (20 items) and psychological (nine items) impact of multiple sclerosis from the patient's perspective. Its 29 items were generated from patient interviews, expert opinion and literature review.</p>
References:	<p>Key Reference: Hobart J, Lamping D, Fitzpatrick R, Riazi A, Thompson A. The Multiple Sclerosis Impact Scale (MSIS-29): a new patient-based outcome measure. <i>Brain</i> 2001;124:962-973.</p> <p>Other References: Hobart JC, Cano, S. Improving the evaluation of therapeutic interventions in multiple sclerosis: the role of new psychometric methods. <i>Health Technology Assessment</i> 2009.</p>

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Comments/Justification:	<p>Strengths/Weaknesses: Single score for all 29 items is not recommended as this is conceptually unclear.</p> <p>Psychometric Properties: Extensive psychometric testing of this scale has been undertaken using both traditional and modern methods. This demonstrates it to have high internal consistency and test-retest reliability and good validity. Responsiveness has been demonstrated in both hospital and community settings, with different interventions including steroid therapy and rehabilitation, and across the broad spectrum of disease severity.</p> <p>Administration: This is a self report questionnaire, which is suitable for completion on a face to face basis or via mail. It takes approximately 5 - 10 minutes to complete.</p>
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