



MSA-QoL

A Patient-Reported Quality of Life instrument for patients with multiple system atrophy

MSA Quality of Life Questionnaire

The original MSA Quality of Life Questionnaire - a fully validated, patient-reported 40-item questionnaire for patients with MSA:

MSA Quality of Life Questionnaire

Having a health problem can affect a person's quality of life in many different ways. In order to understand how your illness affects your life, we are interested which, if any, of the following problems you have experienced. We would also like to know how problematic each has been for you.

Please note that this list includes many problems that you may never experience.

In the last 4 weeks have you	No Problem	Slight Problem	Moderate Problem	Marked Problem	Extreme Problem	Not appl.
1. Had difficulty moving?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Had difficulty walking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Had problems with your balance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Had difficulty standing up without support?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Had difficulty speaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Measuring Health-Related Quality of Life in MSA: The MSA-QoL

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Abstract: The objective of this study was to develop a new patient-reported outcome measure for patients with multiple system atrophy (MSA) and to test its psychometric properties. There were three stages. First, a pool of potential scale items was generated from in-depth patient interviews. Second, these items were administered, in the form of a questionnaire, to a sample of people with MSA and traditional psychometric methods used to develop a rating scale satisfying standard criteria for reliability and validity. Third, the psychometric properties of the rating scale were examined in a second sample. In stage one, a pool of 105 items was generated from 20 patient interviews. In stage two, a scale with three subscales (motor, 14 items; nonmotor, 12 items; emotional/social functioning, 14 items), satisfying standard criteria for reliability and validity, was developed from the response data of 317 patients with

MSA (response rate 71%). In stage three, the scale was examined in 286 people with MSA. Missing data were low, scores in both subscales were evenly distributed, and floor and ceiling effects were small. Reliability was high (Cronbach's alpha 0.83–0.93; test-retest ICC 0.88–0.92). Validity was supported by the interscale correlations ($r = 0.47–0.59$), known group differences, and the magnitude and pattern of correlations with four other rating scales, disease severity, and disease duration. In conclusion, the patient-rated MSA health-related Quality of life scale (MSA-QoL) may be a suitable patient-reported scale for use in clinical trials and studies in MSA. © 2007 Movement Disorder Society

Key words: multiple system atrophy; quality of life; scale; validation; development

Please note that **translated versions of MSA-QoL are available for purchase:**

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- MSA-QoL French-France Translation
- MSA-QoL German-Austria Translation
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References

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