

Multiple Sclerosis Quality of Life-54

MSQOL-54

Multiple Sclerosis Quality of Life-54 (MSQOL-54) measures health-related quality of life (HRQOL) in MS patients through self-reported scoring of 54 items. Of these items, 52 assess 12 dimensions of HRQOL, including physical function, role limitations (physical), role limitations (emotional), pain, emotional well-being, energy, health perceptions, social function, cognitive function, health distress, overall quality of life, and sexual function. The remaining two items assess change in health status and satisfaction with sexual function.

Items are then averaged within related categories to produce associated scale scores with values ranging from 0-100; higher values indicate better quality of life. Weighted combinations of scale scores create two composite scores, physical health, and mental health, as shown in the following tables:

MSQOL-54 Physical Health Composite Score

MSQOL-54 Scale	Weight	Scale Score x Weight
Physical function	0.17	
Health perceptions	0.17	
Energy/fatigue	0.12	
Role limitations--physical	0.12	
Pain	0.11	
Sexual function	0.08	
Social function	0.12	
Health distress	0.11	
MSQOL-54 Physical Health Composite Score		___ / 100

MSQOL-54 Mental Health Composite Score

MSQOL-54 Scale	Weight	Scale Score x Weight
Health distress	0.14	
Overall quality of life	0.18	
Emotional well-being	0.29	
Role limitations--emotional	0.24	
Cognitive function	0.15	
MSQOL-54 Mental Health Composite Score		___ / 100

References

Vickrey BG, Hays RD, Harooni R, et al. A health-related quality of life measure for multiple sclerosis. *Qual Life Res.* 1995;4:187-206.