

**Scoring Forms for Multiple Sclerosis Quality of Life (MSQOL) –54  
Italian version**

**Table 1**

MSQOL-54 Scoring Form

**Table 2**

MSQOL-54 Physical Health Composite Score

**Table 3**

MSQOL-54 Mental Health Composite Score

Table 1

MSQOL-54 Scoring Form

Scale/Item Number	Response						Subtotal	Final Score 0-100 point scale
	1	2	3	4	5	6		
<b>Physical Health</b>								
3.	0	50	100				_____	
4.	0	50	100				_____	
5.	0	50	100				_____	
6.	0	50	100				_____	
7.	0	50	100				_____	
8.	0	50	100				_____	
9.	0	50	100				_____	
10.	0	50	100				_____	
11.	0	50	100				_____	
12.	0	50	100				_____	
							Total: _____ ÷ 10 = _____	
<b>Role limitations due to physical problems</b>								
13.	0	100					_____	
14.	0	100					_____	
15.	0	100					_____	
16.	0	100					_____	
							Total: _____ ÷ 4 = _____	
<b>Role limitations due to emotional problems</b>								
17.	0	100					_____	
18.	0	100					_____	
19.	0	100					_____	
							Total: _____ ÷ 3 = _____	
<b>Pain</b>								
21.	100	80	60	40	20	0	_____	
22.	100	75	50	25	0		_____	
52.	100	75	50	25	0		_____	
							Total: _____ ÷ 3 = _____	
<b>Emotional well-being</b>								
24.	0	20	40	60	80	100	_____	
25.	0	20	40	60	80	100	_____	
26.	100	80	60	40	20	0	_____	
28.	0	20	40	60	80	100	_____	
30.	100	80	60	40	20	0	_____	
							Total: _____ ÷ 5 = _____	
<b>Energy</b>								
23.	100	80	60	40	20	0	_____	
27.	100	80	60	40	20	0	_____	
29.	0	20	40	60	80	100	_____	
31.	0	20	40	60	80	100	_____	
37.	100	80	60	40	20	0	_____	
							Total: _____ ÷ 5 = _____	

**Table 1 (cont.)**  
**Scale/Item Number**

**Response**

1	2	3	4	5	6
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**Subtotal**      **Final Score**  
**0-100 point**

**Health Perceptions**

1.	100	75	50	25	0
33.	0	25	50	75	100
34.	100	75	50	25	0
35.	0	25	50	75	100
36.	100	75	50	25	0

Total: \_\_\_\_\_ ÷ 5 = \_\_\_\_\_

**Social function**

20.	100	75	50	25	0
32.	0	25	50	75	100
51.	100	75	50	25	0

Total: \_\_\_\_\_ ÷ 3 = \_\_\_\_\_

**Cognitive function**

42.	0	20	40	60	80	100
43.	0	20	40	60	80	100
44.	0	20	40	60	80	100
45.	0	20	40	60	80	100

Total: \_\_\_\_\_ ÷ 4 = \_\_\_\_\_

**Health distress**

38.	0	20	40	60	80	100
39.	0	20	40	60	80	100
40.	0	20	40	60	80	100
41.	0	20	40	60	80	100

Total: \_\_\_\_\_ ÷ 4 = \_\_\_\_\_

**Sexual function\***

46.	100	66.7	33.3	0
47.	100	66.7	33.3	0
48.	100	66.7	33.3	0
49.	100	66.7	33.3	0

Total: \_\_\_\_\_ ÷ 4 = \_\_\_\_\_

**Change in health**

2.	100	75	50	25	0
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\_\_\_\_\_

**Satisfaction with sexual function**

50.	100	75	50	25	0
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\_\_\_\_\_

**Overall quality of life**

53. (multiply response by 10)

\_\_\_\_\_

**Response**

1	2	3	4	5	6	7
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54.	0	16.7	33.3	50	66.7	83.3	100
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Total: \_\_\_\_\_ ÷ 2 = \_\_\_\_\_

Note: The total number of items in each scale is listed as the divisor for each subtotal. However, due to missing data, the divisor might actually be less than that if not every item within a given scale has been answered. For example, if item 38 in the Health Distress scale was left blank and the other 3 items in the scale were answered, then the "Total" score for Health Distress would be divided by '3' (instead of '4') to obtain the "Final Score."

\* Males and females can be combined in the analysis even though question 47 is different for the two groups. The scale scores can also be reported separately for males and females.

**Table 2**  
**Formula for calculating MSQOL-54 Physical Health Composite Score**

<b>MSQOL-54 Scale</b>	<b>Final Scale Score</b>	<b>x</b>	<b>Weight</b>	<b>=</b>	<b>Subtotal</b>
Physical function	_____	x	.17	=	_____(a)
Health perceptions	_____	x	.17	=	_____(b)
Energy/fatigue	_____	x	.12	=	_____(c)
Role limitations - physical	_____	x	.12	=	_____(d)
Pain	_____	x	.11	=	_____(e)
Sexual function	_____	x	.08	=	_____(f)
Social function	_____	x	.12	=	_____(g)
Health distress	_____	x	.11	=	_____(h)
PHYSICAL HEALTH COMPOSITE: Sum subtotals (a) through (h) =					_____

**Table 3**  
**Formula for calculating MSQOL-54 Mental Health Composite Score**

<b>MSQOL-54 Scale</b>	<b>Final Scale Score</b>	<b>x</b>	<b>Weight</b>	<b>=</b>	<b>Subtotal</b>
Health distress	_____	x	.14	=	_____(a)
Overall quality of life	_____	x	.18	=	_____(b)
Emotional well-being	_____	x	.29	=	_____(c)
Role limitations - emotional	_____	x	.24	=	_____(d)
Cognitive function	_____	x	.15	=	_____(e)
MENTAL HEALTH COMPOSITE: Sum subtotals (a) through (e) =					_____