

Rasch Overall ALS Disability Scale (ROADS)

MRN: _____ TODAY'S DATE: _____

NAME: _____ DATE OF BIRTH: _____

INSTRUCTIONS: This is a questionnaire about the relationship between your daily activities and your health. Your answers give information about how your ALS affects your daily and social activities and to what degree you are able to perform your usual activities.

Answer each question by marking the correct box ("X"). If you are not sure about your ability to perform a task, you are still requested to mark an answer that comes as close as possible to your judged ability to complete such a task. All questions should be completed. You can only choose one answer for each question. If your situation fluctuates, your answer should be based on how you *usually* perform the task.

Please use the following guidelines for selecting your answer choice:

[2] Normal: able to perform without difficulty- select this option if you perform the task as easily and as quickly as you did before you had ALS symptoms. This option indicates that you perform the task no differently now than you did before you had ALS symptoms.

[1] Abnormal: able to perform, but with difficulty- select this option if you can still perform the task, but it is harder to perform now or takes more time or effort compared to before you had ALS symptoms. Also select this option if you perform a task with the assistance of a device or with the assistance of another person.

[0] Unable to perform- select this option if you cannot perform the task.

Task	Unable to perform [0]	Abnormal: able to perform but with difficulty [1]	Normal: able to perform without difficulty [2]
1 nod yes or no?	[]	[]	[]
2 ride in a car?	[]	[]	[]
3 eat soup?	[]	[]	[]
4 drink milkshake or smoothie?	[]	[]	[]
5 sit on a toilet?	[]	[]	[]
6 swallow pills?	[]	[]	[]
7 blow out a candle?	[]	[]	[]
8 eat dry food(e.g. cornbread)?	[]	[]	[]
9 speak on the phone?	[]	[]	[]
10 drink out of a glass?	[]	[]	[]
11 eat a large meal?	[]	[]	[]
12 sign name on paper?	[]	[]	[]
13 get into bed?	[]	[]	[]
14 roll over in bed?	[]	[]	[]
15 take a shower?	[]	[]	[]
16 use a knife and fork?	[]	[]	[]
17 walk around your home?	[]	[]	[]
18 move a chair?	[]	[]	[]
19 speak in a loud room?	[]	[]	[]
20 speak for hours?	[]	[]	[]
21 clip nails?	[]	[]	[]
22 walk up 1 flight of stairs?	[]	[]	[]
23 walk up a hill?	[]	[]	[]
24 climb a stepstool?	[]	[]	[]
25 get up from the floor?	[]	[]	[]
26 carry an object going downstairs?	[]	[]	[]
27 stand for hours?	[]	[]	[]
28 get heavy objects off a high shelf?	[]	[]	[]

RAW TOTAL _____

NORMED TOTAL _____

Linearly-weighted normed ROADS scores

ROADS raw sum- score	Rasch logit measure	Normed whole number score	ROADS raw sum- score	Rasch logit measure	Normed whole number score
0	-6.35	0	29	0.13	75
1	-5.10	14	30	0.24	76
2	-4.34	23	31	0.35	77
3	-3.86	29	32	0.46	79
4	-3.51	33	33	0.57	80
5	-3.23	36	34	0.69	81
6	-2.98	39	35	0.80	82
7	-2.77	41	36	0.91	84
8	-2.57	44	37	1.03	85
9	-2.39	46	38	1.14	86
10	-2.23	48	39	1.26	88
11	-2.07	49	40	1.38	89
12	-1.92	51	41	1.51	91
13	-1.78	53	42	1.64	92
14	-1.64	54	43	1.77	94
15	-1.51	56	44	1.91	95
16	-1.38	57	45	2.05	97
17	-1.25	59	46	2.21	99
18	-1.13	60	47	2.37	101
19	-1.01	62	48	2.55	103
20	-0.89	63	49	2.74	105
21	-0.77	64	50	2.95	107
22	-0.66	66	51	3.20	110
23	-0.54	67	52	3.48	113
24	-0.43	68	53	3.84	117
25	-0.32	70	54	4.31	123
26	-0.21	71	55	5.08	132
27	-0.09	72	56	6.33	146
28	0.02	73			