## Rasch Overall ALS Disability Scale (ROADS)

MRN: $\qquad$
NAME: $\qquad$
TODAY'S DATE: $\qquad$
DATE OF BIRTH: $\qquad$

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 then 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.
$\left.\begin{array}{llll}\hline \text { Task } & & \begin{array}{c}\text { Unable to } \\ \text { perform } \\ \text { [0] }\end{array} & \begin{array}{c}\text { Abnormal: able to } \\ \text { perform but with } \\ \text { difificulty } \\ \text { [1] }\end{array}\end{array} \begin{array}{c}\text { Normal: able to } \\ \text { perform without } \\ \text { difficuculty } \\ \text { [2] }\end{array}\right]$
$\qquad$

## Linearly-weighted normed ROADS scores

| ROADS <br> raw <br> sum- <br> score | Rasch <br> logit <br> measure | Normed <br> whole <br> number <br> score |
| :---: | :--- | :--- |
| 0 | -6.35 | 0 |
| 1 | -5.10 | 14 |
| 2 | -4.34 | 23 |
| 3 | -3.86 | 29 |
| 4 | -3.51 | 33 |
| 5 | -3.23 | 36 |
| 6 | -2.98 | 39 |
| 7 | -2.77 | 41 |
| 8 | -2.57 | 44 |
| 9 | -2.39 | 46 |
| 10 | -2.23 | 48 |
| 11 | -2.07 | 49 |
| 12 | -1.92 | 51 |
| 13 | -1.78 | 53 |
| 14 | -1.64 | 54 |
| 15 | -1.51 | 56 |
| 16 | -1.38 | 57 |
| 17 | -1.25 | 59 |
| 18 | -1.13 | 60 |
| 19 | -1.01 | 62 |
| 20 | -0.89 | 63 |
| 21 | -0.77 | 64 |
| 22 | -0.66 | 66 |
| 23 | -0.54 | 67 |
| 24 | -0.43 | 68 |
| 25 | -0.32 | 70 |
| 26 | -0.21 | 71 |
| 27 | -0.09 | 72 |
| 28 | 0.02 | 73 |
|  |  |  |


| ROADS <br> raw <br> sum- <br> score | Rasch <br> logit <br> measure | Normed <br> whole <br> number <br> score |
| :---: | :--- | :---: |
| 29 | 0.13 | 75 |
| 30 | 0.24 | 76 |
| 31 | 0.35 | 77 |
| 32 | 0.46 | 79 |
| 33 | 0.57 | 80 |
| 34 | 0.69 | 81 |
| 35 | 0.80 | 82 |
| 36 | 0.91 | 84 |
| 37 | 1.03 | 85 |
| 38 | 1.14 | 86 |
| 39 | 1.26 | 88 |
| 40 | 1.38 | 89 |
| 41 | 1.51 | 91 |
| 42 | 1.64 | 92 |
| 43 | 1.77 | 94 |
| 44 | 1.91 | 95 |
| 45 | 2.05 | 97 |
| 46 | 2.21 | 99 |
| 47 | 2.37 | 101 |
| 48 | 2.55 | 103 |
| 49 | 2.74 | 105 |
| 50 | 2.95 | 107 |
| 51 | 3.20 | 110 |
| 52 | 3.48 | 113 |
| 53 | 3.84 | 117 |
| 54 | 4.31 | 123 |
| 55 | 5.08 | 132 |
| 56 | 6.33 | 146 |
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