1. Was the grip strength testing done? Yes No
2. Date Performed: (m m/dd/yyyy)
3. Time Performed: (hh:m m) am pm 24-hour clock
4. Handedness: Left hand Right hand Both Unknown

Table Grip Strength Data Table

| Grip Strength | Grip Device Width Setting | Max Grip–Trial 1(Indicate units: pounds, kilograms or newtons) | Max Grip–Trial 2(Indicate units: pounds, kilograms or newtons) |
| --- | --- | --- | --- |
| Left Grip Strength | NA | lb  kg  N | lb  kg  N |
| Right Grip Strength | NA | lb  kg  N | lb  kg  N |

## General Instructions

Investigators should use either a Manual Muscle Test or Quantitative Dynamometry to measure muscle strength. If a Manual Muscle Test is selected the MMT/MCR is the recommended element. If Quantitative Dynamometry is used, there are several to choose from depending on what is most appropriate for the study being conducted. No one test is superior, thus the ALS study should include at least one test from this sub-domain.

This CRF includes data typically recorded when measuring the maximum strength of the hand and forearm muscles.

Important note: All the data elements on this CRF Module are classified as Exploratory (i.e., elements that are emerging or not yet validated for ALS clinical studies to collect but important enough to include). Please see the Data Dictionary for element classifications.

## Specific Instructions

Please see the Data Dictionary for definitions for each of the data elements included in this CRF Module.

Grip strength performed date and time–The date/time should be recorded to the level of granularity known (e.g., year, year and month, complete date plus hours and minutes, etc.) and in the format acceptable to the study database.

Hand preference–Choose one. The predominant hand does not have to be the hand that he/she writes with. Unknown should be known in the scenario for rare instances when handedness cannot be known.

Maximum measurement–Answer for each hand side in pounds, kilograms or newtons.