MVIC MUSCLE STRENGTH TESTING

Name: JOHANSON, JUME **Patient ID:** 789 **Date:** 21/08/06 **Test:** 4

Age: 23 25/01/84 Diagnosis: ALS **NEUROMU**
Gender: Male Refer Phys: MARQUE **Hopital Pi**
Height: Feet: Requestining Phys: **INTITUT DI**
Inch
cm 165 Test Date: 01/08/06 **JY HOGRE**
Weight: lb Time: 8:30 AM
kg 88
Indication: Units: KG

( ) Verfiy Diagnosis ( ) Evaluate Response to Therapy
( ) Disability Evaluation ( ) Research

SAMPLE

Upper Extremities *(kg)*	This Test	Baseline	This Test % Predict	Last Test % Predict	Change in % Predict	Predicted Strength (UNITS) 95% Confidence Interval	Mean	
Left Shoulder Extension	**28.1**	**28.5**	71.0	72.0	-1.4	30.6	**39.6**	48.6
Left Elbow Extension	**14.43**	**14.7**	61.6	62.8	-1.8	16.4	**23.4**	30.4
Left Shoulder Flexion	**16.5**	**16.9**	54.2	55.6	-2.4	22.4	**30.4**	38.4
Left Elbow Flexion	**12.1**	**12.5**	41.1	42.5	-3.2	20.4	**29.4**	38.4
Left Hand Grip	**33.6**	**32.2**	68.4	65.7	4.1	32.1	**49.1**	66.1
Right Shoulder Extensio	**28.9**	**29.6**	70.0	71.7	-2.4	29.3	**41.3**	53.3
Right Elbow Extension	**12.1**	**11.57**	50.3	48.1	4.6	16.1	**24.1**	32.1
Right Shoulder Flexion	**17.1**	**17.6**	53.4	54.9	-2.8	23.0	**32.0**	41.0
Right Elbow Flexion	**14.5**	**14.6**	43.5	43.8	-0.7	23.4	**33.4**	43.4
Right Hand Grip	**31.2**	**32.2**	60.4	62.4	-3.2	35.6	**51.6**	67.6
Total Upper Extremity Strength	**208.5**	**210.4**	**58.9**	59.4	-0.9		**354.2**	
Right	**103.8**	**105.6**	**56.9**	57.9	-1.7		**182.4**	
Left	**104.7**	**104.8**	**60.9**	61.0	-0.2		**171.9**	

Lower Extremities *(kg)*

Right Ankle Dorsiflexion	**18.4**	**18.6**	58.1	58.8	-1.1	20.7	**31.7**	42.7
Left Ankl								43.0
Left Knee								39.5
Right Kne								41.2
Right Kne								77.3
Left Knee								74.8
Right Hip								66.5
Left Hip E								67.2
Left Hip F								82.5
Right Hip								84.5
To								

1. DATA IS ACQUIRED WITH THE QMA SYSTEM. USER MAY REQUEST INFORMATION BY SELECTING THE PROTOCOL, PATIENT AND VISIT. PATIENT AND HEADER INFORMATION IS AUTOMATICALLY FILLED.
   CELLS ARE AUTOMATICALLY & SEAMLESSLY POPULATED WITH REQUSTED DATA.
   THE LONGITUDINAL COMPARISONS OF A PATIENT MAY BE EASILY OBTAINED AND OBSERVED.
2. PATIENT INFORMATION MAY BE IN LBS OR KGS
3. AGE AT THE TIME OF TESTING - IS A PRODUCT OF DOB AND TESTING DATE
4. TESTING CAN BE CONDUCTED IN LBS, KGS, OR N - AND PREDICTED STRENGTH WILL BE ADJUSTED TO UNIT OF TESTING MEASURMENT - AUTOMATIC FUNCTION OF A SUBROUTINE
5. BASELINE IS NORMALLY THE FIRST VISIT, BUT CAN BE SELECTED AS ANY VISIT FOR COMPARISON.
6. THIS TEST CAN BE THE CURRENT VISIT, BUT CAN BE SELECTED AS ANY VISIT FOR COMPARISON.
7. PREDICTED STRENGTH - A PRODUCT OF AGE, GENDER, AND BMI FROM PUBLISHED WORKS.
8. LAST TEST % CHANGE IN PREDICTED - DEVIATION OF PATIENTS EFFORT FROM PREDICTED VALUE
9. THIS TEST % CHANGE IN PREDICTED - DEVIATION OF PATIENTS EFFORT FROM PREDICTED VALUE
10. % CHANGE IN PREDICTED - FROM ONE TEST VISIT TO THE NEXT VISIT

Interpretation:

Neurologist _____ **, M.D.**

QMA SYSTEM DATA