

Sample Data Report
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Patient Information			
Name	John C. Johnson	Patient ID	1101
Address	100 State Street, Apt. 23 Salt Lake City, UT 81104	Day Phone	801 477-1000
		Night Phone	801 272-3030
Email	jcyj@johnsonmedia.com	Gender	Male
		Handedness	Right
		Birth Date	1/15/2050

Incident Information			
Name / Description	Auto Accident		
Care Providers	Dr. Marion Stillwell		
Insurance 1	Jill Monroe Apex Auto Insurance 1194 Broadway Blvd. Chicago, IL 64123 709 665-4432	Insurance 2	
Policy No.	C11124A-11-02	Policy No.	
Claim No.	X395-B12	Claim No.	
Employer	Amy Johnson Johnson Media 2302 Coal Street West Valley City, Utah 84149 801 899-6500	Referred By	
Job Title	Sales Manager	Purpose	
Attorney	Susan Santiago Santiago & Wells 890 Spring Village Rd. Taylorsville, UT 84133 435 727-8900	Objectives	

Exam Information			
Name / Description	Interim	Exam Date	12/28/2004
Contact	Dr. Marion Stillwell JTECH Medical	Tested By	Lilian Rutherford

Provider Signature

Date
11/8/2006

Spine ROM - Incliniometry

Cervical	Norm	1	2	3	4	5	6	Max	Avg	CV	Dev	Valid	Anky
Flexion	50°	35°	33°	34°	-	-	-	35°	34°	-	1°	Yes	-
Extension	60°	40°	38°	40°	-	-	-	40°	39°	-	1°	Yes	-
Lateral Left	45°	41°	40°	42°	-	-	-	42°	41°	-	1°	Yes	-
Lateral Right	45°	31°	30°	31°	-	-	-	31°	31°	-	1°	Yes	-
Rotation Left	80°	71°	74°	78°	-	-	-	78°	74°	-	5%	Yes	-
Rotation Right	80°	48°	49°	48°	-	-	-	49°	48°	-	1°	Yes	-

Thoracic	Norm	1	2	3	4	5	6	Max	Avg	CV	Dev	Valid	Anky
Minimum Kyphosis													
Flexion													
Lateral Left													
Lateral Right													
Rotation Left													
Rotation Right													

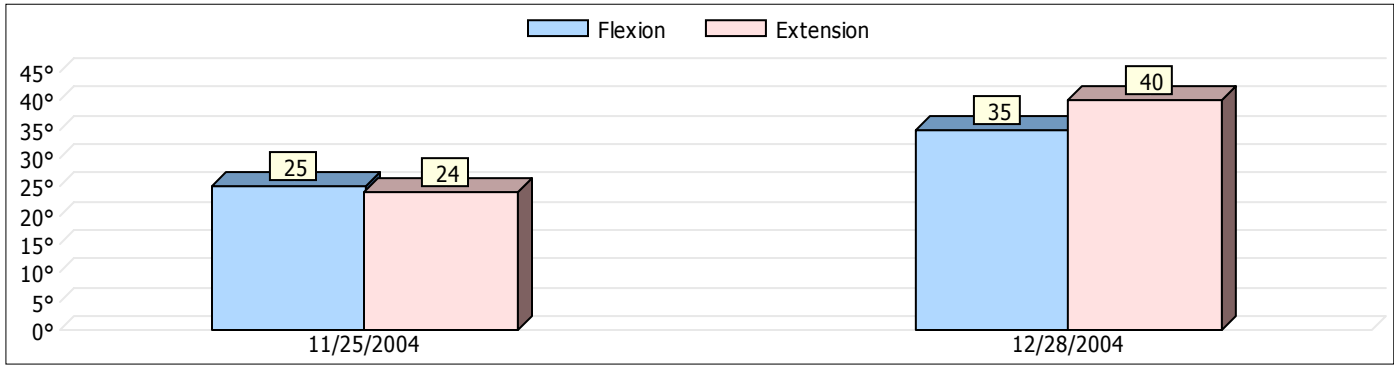
Lumbar	Norm	1	2	3	4	5	6	Max	Avg	CV	Dev	Valid	Anky
Lateral Left													
Lateral Right													
Rotation Left													
Rotation Right													
Flexion													
Extension													
Sacral Hip Flexion													
Sacral Hip Extension													
Straight Leg Raise Left													
Straight Leg Raise Right													

Notes

Cervical Lateral Flexion Notes: Mr. Johnson only reported pain on right lateral flexion tests.

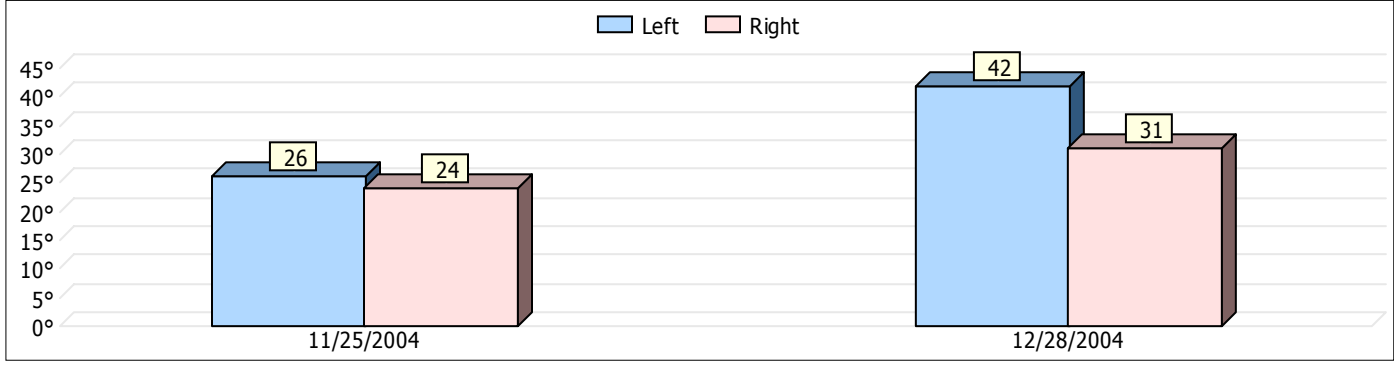
Cervical Rotation Notes: Mr. Johnson's left cervical rotation has returned to near normal. Rotation to right is still restricted and causes mild pain near end of motion.

Progress Report - ROM - Cervical Flexion/Extension



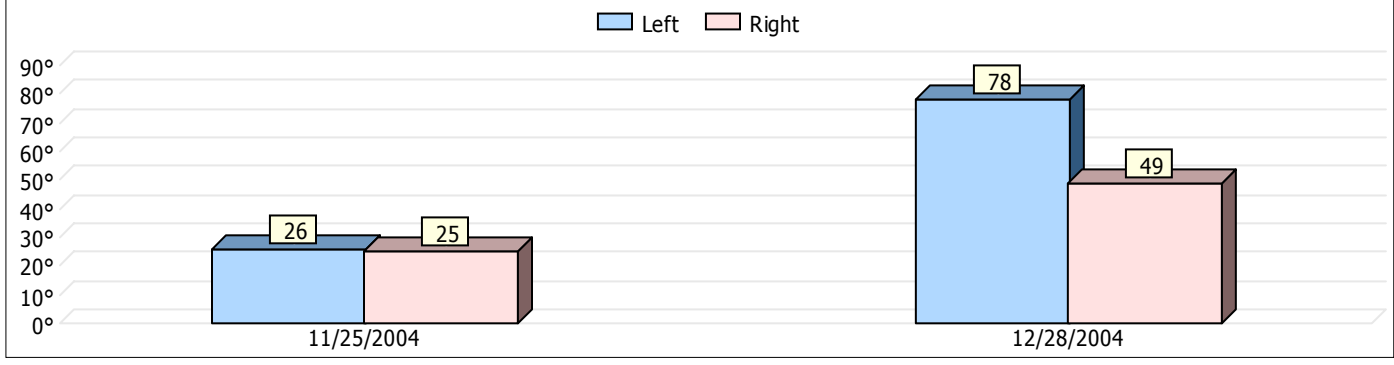
Change	Flexion	40%	10°	Extension	67%	16°
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Progress Report - ROM - Cervical Lateral Flexion



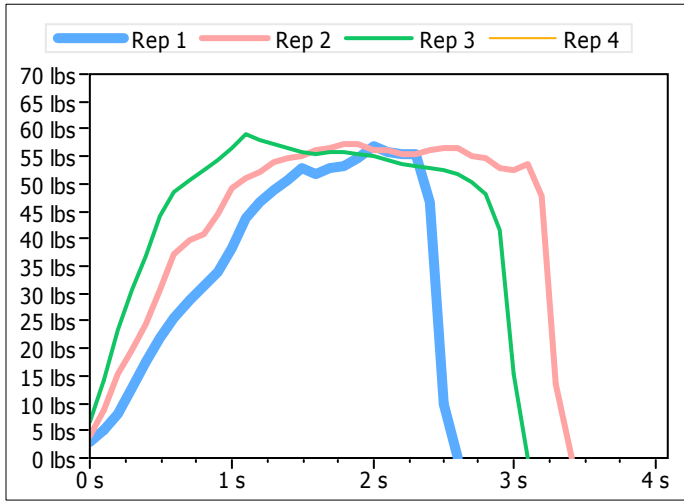
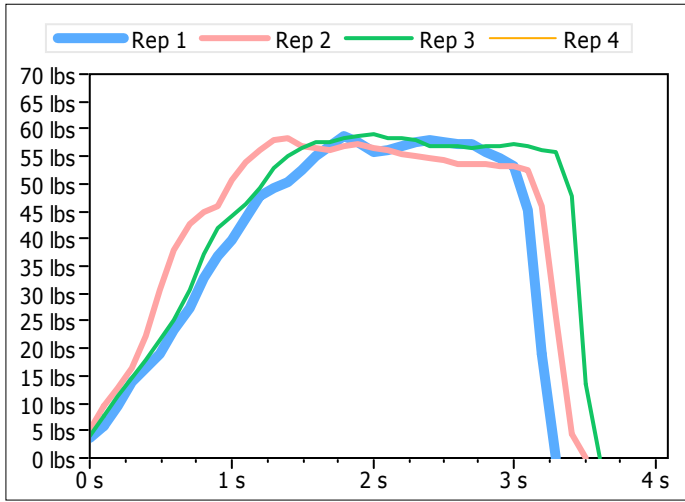
Change	Left	62%	16°	Right	29%	7°
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Progress Report - ROM - Cervical Rotation



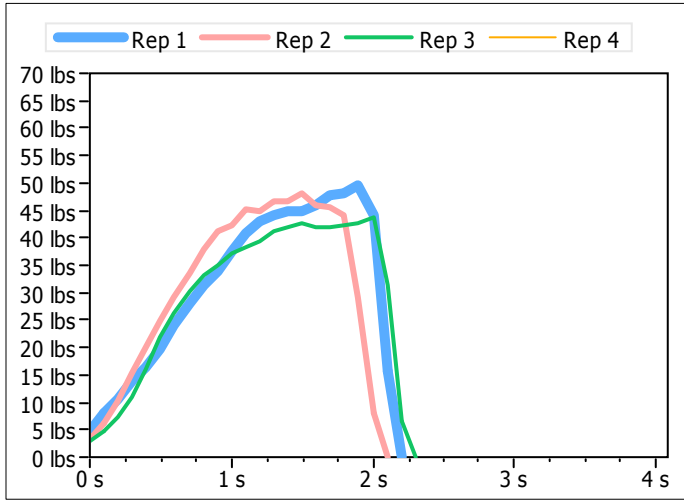
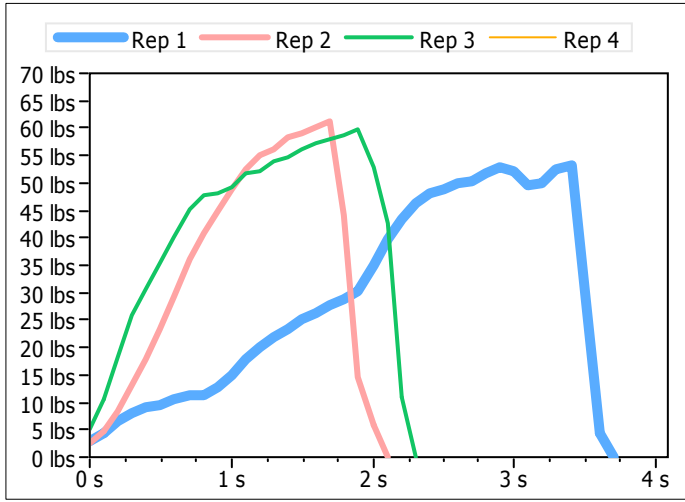
Change	Left	200%	52°	Right	96%	24°
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Muscle Strength Test - Elbow Extension



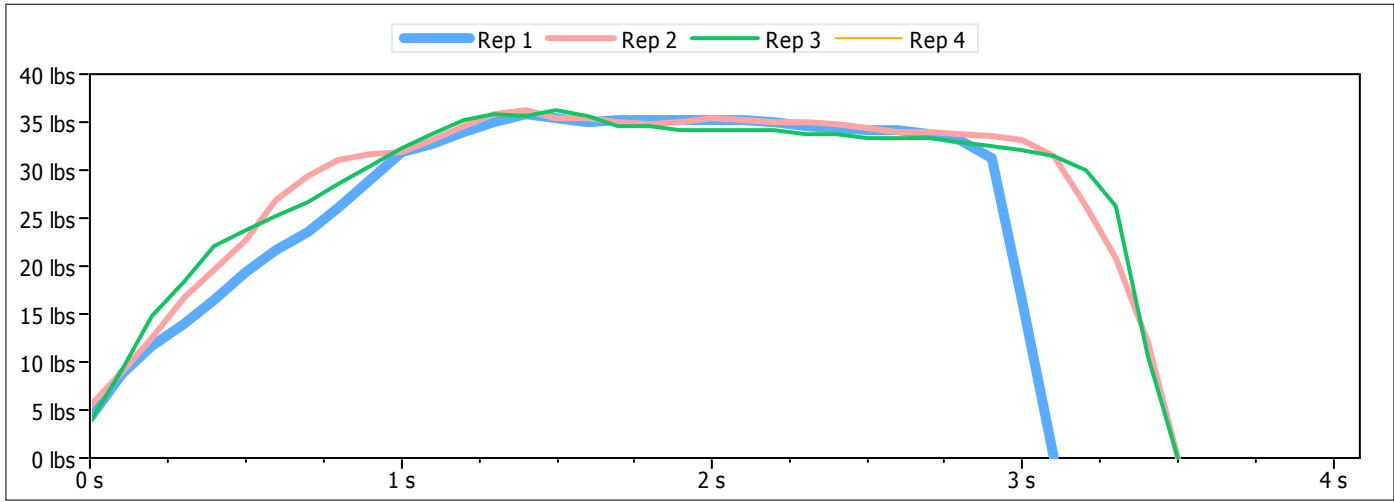
	1	2	3	4	Max	Avg	Grade	CV	Cons	Diff	Force Units	lbs
Left	58.8	58.4	58.9	-	58.9	58.7	-	0%	Yes	0%	Rest Time	0 s
Right	56.8	57.4	59.0	-	59.0	57.7	-	1%	Yes	-	Primary Stat	Maximum

Muscle Strength Test - Elbow Flexion (Forearm Neutral)



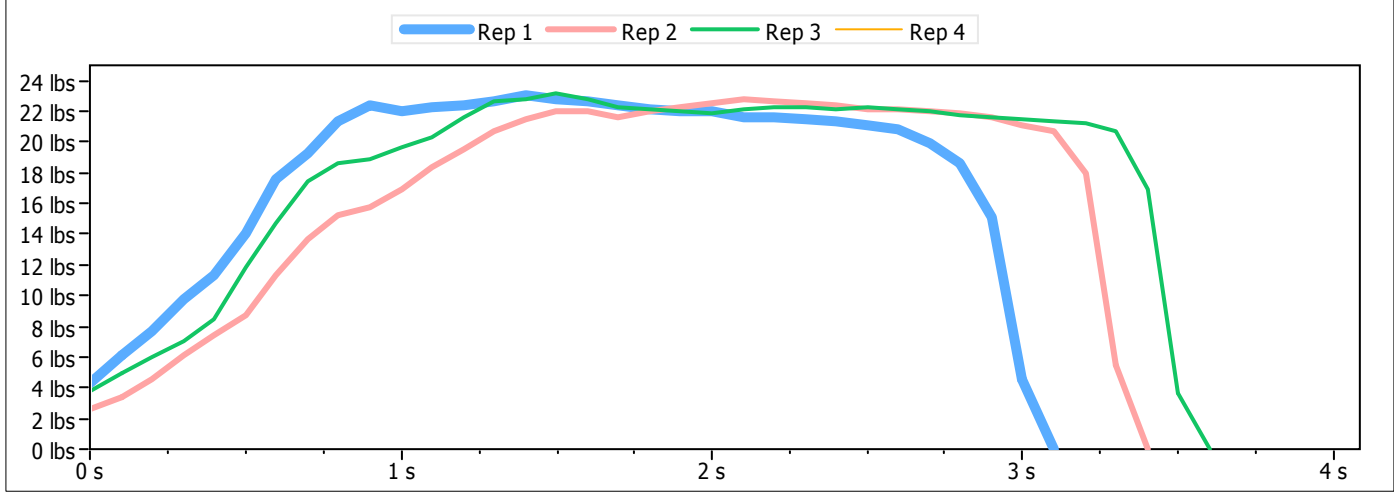
	1	2	3	4	Max	Avg	Grade	CV	Cons	Diff	Force Units	lbs
Left	53.3	61.3	59.7	-	61.3	58.1	5	5%	Yes	-	Rest Time	0 s
Right	49.5	48.0	43.7	-	49.5	47.1	4	5%	Yes	-19%	Primary Stat	Maximum

Muscle Strength Test - Neck Extension



	1	2	3	4	Max	Avg	Grade	CV	Cons	Diff	Force Units	lbs
Unilateral	35.8	36.2	36.2	-	36.2	36.0	-	0%	Yes	-	Rest Time	0 s
											Primary Stat	Maximum

Muscle Strength Test - Neck Flexion

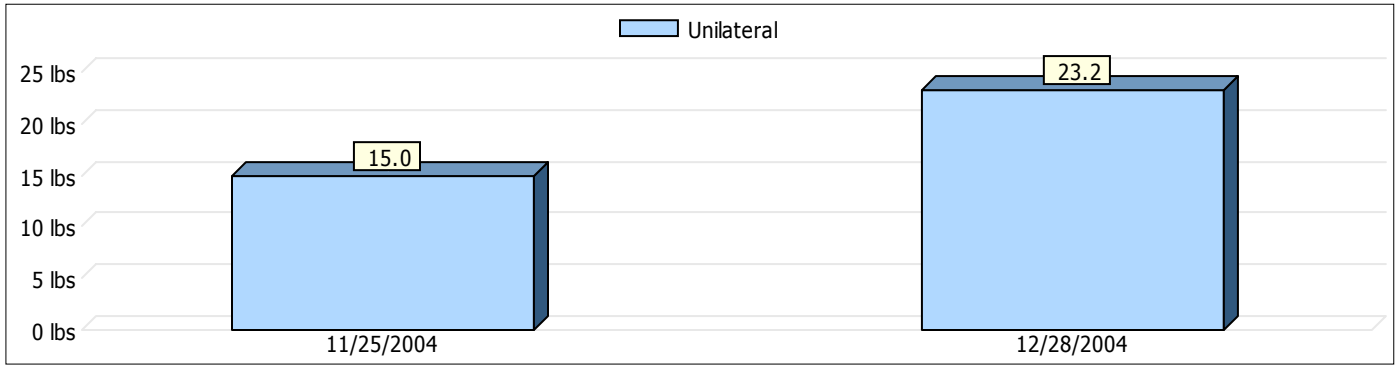


	1	2	3	4	Max	Avg	Grade	CV	Cons	Diff	Force Units	lbs
Unilateral	23.0	22.8	23.2	-	23.2	23.0	-	0%	Yes	-	Rest Time	0 s
											Primary Stat	Maximum

Strength Ratio Summary												
Neck/Trunk		Units	Motion	Max	Motion	Max	Ratio					
Neck Flexion/Extension		lbs	Flex	23.2	Ext	36.2	0.64					
Trunk Flexion/Extension												
						Left			Right			
Upper Extremity		Units	Motion	Max	Motion	Max	Ratio	Motion	Max	Motion	Max	Ratio
Shoulder Flex/Ext												
Shoulder Horiz. Abd/Add												
Shoulder Int/Ext Rot												
Elbow Flexion/Extension		lbs	Flex	61.3	Ext	58.9	1.04	Flex	49.5	Ext	59.0	0.84
Wrist Flexion/Extension												
						Left			Right			
Lower Extremity		Units	Motion	Max	Motion	Max	Ratio	Motion	Max	Motion	Max	Ratio
Hip Flexion/Extension												
Hip Abduction/Adduction												
Hip Int/Ext Rotation												
Knee Flexion/Extension												
Ankle Dorsi/Plantar												
Great Toe Flex/Ext												
Foot Eversion/Inversion												

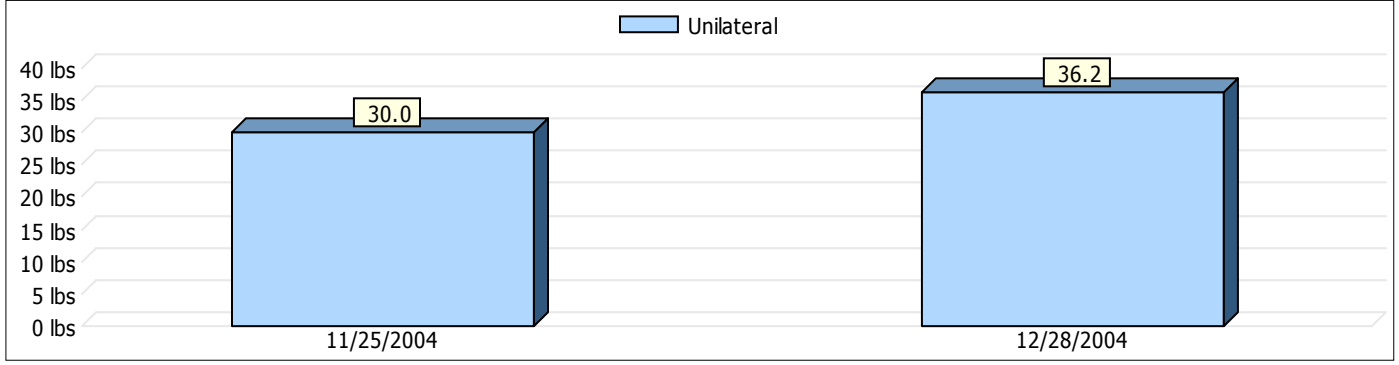
Muscle Test Summary													
		Left						Right					
	Units	Max	Avg	CV	Cons	Grade	Diff	Max	Avg	CV	Cons	Grade	
Elbow Extension	lbs	58.9	58.7	0%	Yes	-	0% L	59.0	57.7	1%	Yes	-	
Elbow Flexion (Forearm Neutral)	lbs	61.3	58.1	5%	Yes	5	-19% R	49.5	47.1	5%	Yes	4	
Neck Extension	lbs	36.2	36.0	0%	Yes	-							
Neck Flexion	lbs	23.2	23.0	0%	Yes	-							

Progress Report - Muscle Test - Neck Flexion



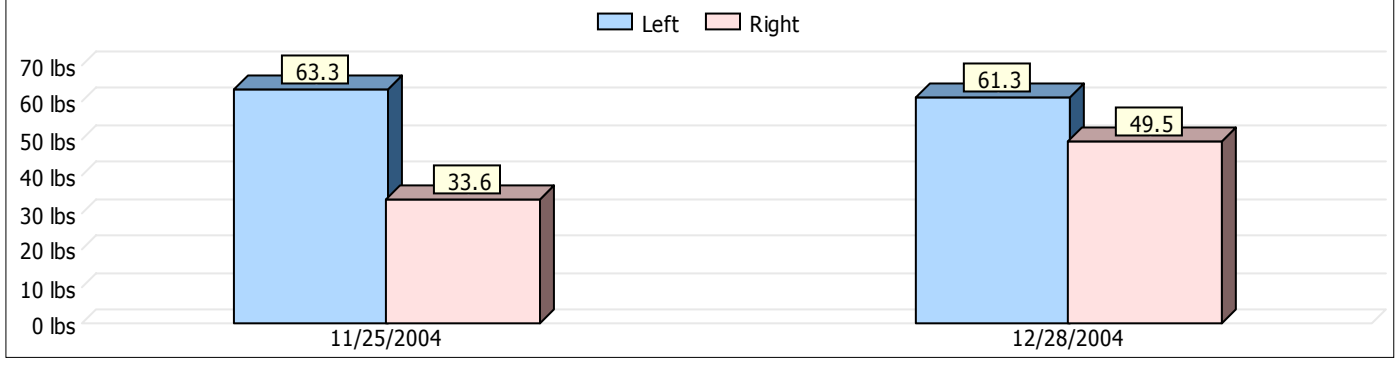
Change Unilateral 55% 8.2 lbs

Progress Report - Muscle Test - Neck Extension

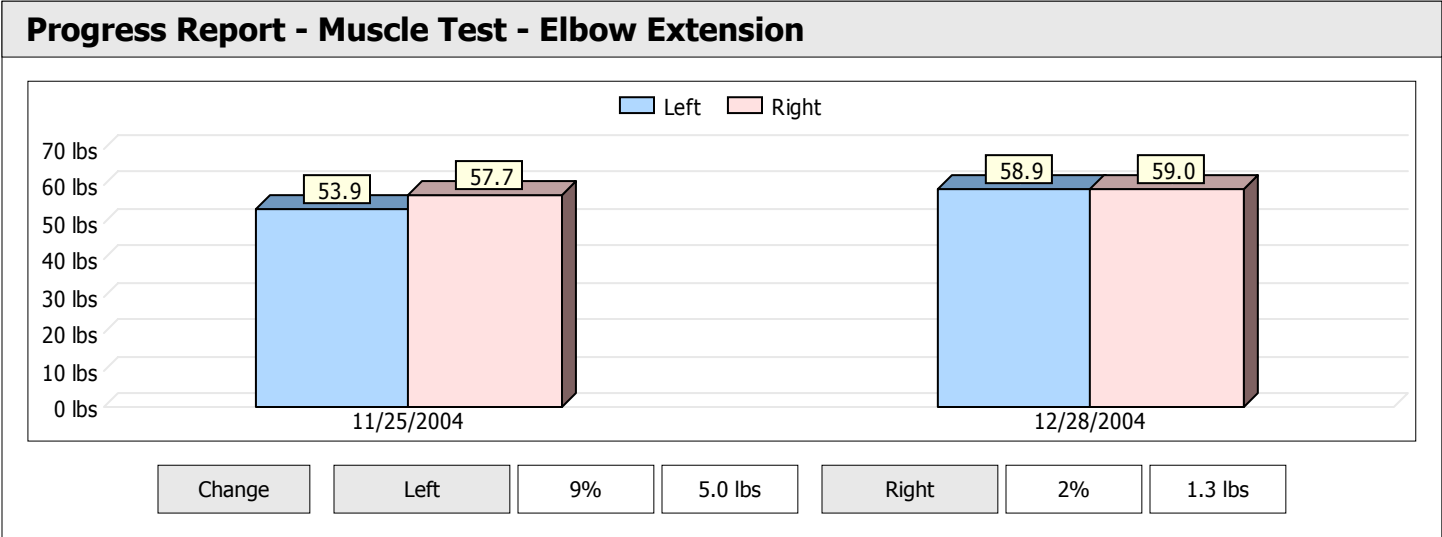


Change Unilateral 21% 6.2 lbs

Progress Report - Muscle Test - Elbow Flexion (Forearm Neutral)



Change Left -3% -2.0 lbs Right 47% 15.9 lbs



Glossary of Terms and Abbreviations	
<p>[xxx] Indicates the repetition was excluded from statistical calculations.</p> <p><xxx> Signifies a state of ankylosis in the specified motion.</p> <p>Anky Ankylosis. "Yes" means the tester observed ankylosis, as defined by the AMA.</p> <p>Avg Average, or arithmetic mean, of a series of values or repetitions.</p> <p>Cons Consistency of effort. "Yes" indicates a CV of less than 15%, and "No" denotes a CV of 15% or more.</p> <p>CV Coefficient of variation between repetitions, which can be used as a measure of consistency. It is equal to the standard deviation divided by the mean and is expressed as a percentage.</p> <p>Dev Deviation between repetitions based on range of motion validity criteria in the AMA Guides to the Evaluation of Permanent Impairment that three consecutive repetitions must fall within 5 degrees or 10 percent of the mean, whichever is larger. Deviation is expressed in degrees if the mean is 50 degrees or less and as a percentage if the mean is greater than 50 degrees.</p> <p>Diff Percentage of side to side difference based on the test's primary stat.</p>	<p>Fatigue Percent difference between the maximum force and ending force during an individual repetition. This excludes any force exerted during the initial ready time.</p> <p>Grade Subjective form of assigning a value to a muscle test, with grade 5 usually representing full, normal resistance.</p> <p>Max Maximum value of a series of values or repetitions.</p> <p>Mean Average force exerted over a single repetition. This excludes any force exerted during the initial ready time.</p> <p>Norm Normal test result to be expected from a healthy individual. Norms may vary depending on several factors, such as patient age, gender, and weight. They are derived from a variety of sources, including the AMA and other independent research.</p> <p>% N Percent of norm. This is a comparison of the test's primary stat to the predicted norm, if available.</p> <p>% Norm</p> <p>Primary Stat The value, either maximum or average, used for statistical calculations such as percent difference and percent of norm.</p>

Notes and References - Range of Motion	
<p>Spine ROM</p> <ol style="list-style-type: none"> 1. An automatic subtraction dual inclinometer was used for testing, negating the need for documenting the T1 and T12 intermediate numbers. 2. Normal values are from the AMA Guides to the Evaluation of Permanent Impairment (5th Edition). 3. Ankylosis is defined by the Guides for spine range of motion as an inability to reach neutral. The joint may be either fixated or partially mobile. 4. Negative values indicate a lordotic or kyphotic curve opposite to normal. 5. Validity is determined using either deviation (Dev) or coefficient of variation (CV), as selected by the examiner. 	<p>Extremity ROM</p> <ol style="list-style-type: none"> 1. Normal values are from the AMA Guides to the Evaluation of Permanent Impairment (5th Edition). 2. Ankylosis is defined as a fixated, immobile joint, differing its meaning in spine range of motion. 3. Negative numbers indicate a lag condition, which signifies the joint retains partial movement but is unable to reach neutral.

Notes and References - Muscle Testing	
<ol style="list-style-type: none"> 1. Reese NB. Muscle and Sensory Testing. Philadelphia: W.B. Saunders Company;1999. 	<ol style="list-style-type: none"> 2. Hislop HJ, Montgomery J. Daniels and Worthingham's Muscle Testing: Techniques of Manual Examination, 6th ed. Philadelphia: W.B. Saunders Company; 1995.