

HUMAC Measurement & Training Systems by CSMi**Group Summary to Patient Report - Knee Extension/Flexion**

Name: Potash, Rob L ID: 1234 Right/Left: 8/7/2007 8/7/2007
 Isokinetic Con/Con Extensors (Con) Flexors (Con)
 Speed 60/60 deg/sec 5 Reps Patient Group Change Patient Group Change

TORQUE PARAMETERS

	Patient	Group	Change	Patient	Group	Change
Peak Torque (Foot-Pounds - Best Repetition)						
Right	160	150	7 %	119	104	15 %
Left	156	143	9 %	125	94	33 %
Deficit	3	4		-5	9	
Peak Torque to Body Weight						
Right	100	88	12 #	74	61	13 #
Left	98	84	14 #	78	56	22 #
Agonist/Antagonist Ratio						
Right	74	69	5 #	0	0	0 #
Left	80	65	15 #	0	0	0 #
Work per Repetition (Foot-Pounds - Best Repetition)						
Right	173	167	4 %	137	122	12 %
Left	181	165	10 %	143	111	29 %
Deficit	-4	1		-4	10	
Work per Repetition to Body Weight						
Right	108	99	10 #	86	72	14 #
Left	113	97	17 #	89	66	23 #
Agonist/Antagonist Ratio						
Right	79	74	5 #	0	0	0 #
Left	79	67	13 #	0	0	0 #
Average Power per Repetition (Watts - Best Repetition)						
Right	141	140	1 %	112	103	9 %
Left	153	141	9 %	123	95	30 %
Deficit	-8	-1		-9	8	
Power to Body Weight						
Right	88	82	6 #	70	60	10 #
Left	96	83	14 #	77	57	21 #
Agonist/Antagonist Ratio						
Right	79	74	6 #	0	0	0 #
Left	80	67	13 #	0	0	0 #

POSITION PARAMETERS

	Patient	Group	Change	Patient	Group	Change
Joint Angle at Peak Torque (Degrees)						
Right	70	57	13 #	23	25	-2 #
Left	68	59	9 #	23	26	-3 #
Range of Motion (Degrees)						
Right	1	-1	2 #	95	92	3 #
Left	4	1	3 #	96	92	4 #

TIME PARAMETERS

	Patient	Group	Change	Patient	Group	Change
Time to Peak Torque (Seconds)						
Right	0.45	0.61	-0.16 #	0.41	0.46	-0.05 #
Left	0.45	0.54	-0.09 #	0.37	0.45	-0.08 #
Time Peak Torque Held (Seconds)						
Right	0.04	0.03	0.01 #	0.04	0.05	0.00 #
Left	0.03	0.03	0.00 #	0.04	0.04	0.00 #
Force Decay Time (Seconds)						
Right	1.11	0.94	0.17 #	1.16	1.08	0.09 #
Left	1.06	0.95	0.11 #	1.18	1.08	0.10 #
Reciprocal Delay (Seconds)						
Right	0.05	0.09	-0.04 #	0.05	0.08	-0.03 #
Left	0.05	0.07	-0.02 #	0.04	0.08	-0.04 #
Delay Time (Seconds)						
Right	-0.03	-0.02	-0.01 #	-0.03	-0.02	-0.01 #
Left	-0.02	-0.02	0.00 #	-0.03	-0.03	-0.01 #

HUMAC® /2009 Version: 9.5.0 Copyright Computer Sports Medicine, Inc., 1982-2009. www.csmisolutions.com