

# CSMi Orthopedic Measure and Training 781-297-2034

## Group Summary Report - Knee Extension/Flexion

Isokinetic Con/Con Speed 180/180 deg/sec Reps 15	Extensors (Con)			Flexors (Con)			Ratio
	Value	Cof Var	%BW	Value	Cof Var	%BW	
TORQUE PARAMETERS							
Initial Peak Torque (Foot-Pounds - Average Value)							
Right	88	0.32		65	0.21		
Left	82	0.39		65	0.29		
Deficit	7			1			
Can't find: 139							
Right	52	0.35		38	0.20		
Left	48	0.38		39	0.32		
Agonist/Antagonist Ratio							
Right	77	0.17		0	0.00		
Left	90	0.38		0	0.00		
Fatigue Index							
Right	20	0.62		23	0.35		
Left	22	0.29		21	0.28		
Total Work Done (Foot-Pounds)							
Right	1275	0.35		981	0.29		
Left	1176	0.44		920	0.33		
Deficit	8			6			
Total Work to Body Weight							
Right	757	0.38		580	0.29		
Left	691	0.44		546	0.36		
Agonist/Antagonist Ratio							
Right	79	0.12		0	0.00		
Left	92	0.43		0	0.00		
Average Power per Repetition (Watts)							
Right	194	0.31		150	0.24		
Left	182	0.42		144	0.31		
Deficit	6			4			
Power to Body Weight							
Right	115	0.34		89	0.25		
Left	107	0.42		85	0.34		
Agonist/Antagonist Ratio							
Right	80	0.12		0	0.00		
Left	92	0.44		0	0.00		
POSITION PARAMETERS							
Joint Angle at Peak Torque (Degrees)							
Right	58	0.11		23	0.15		
Left	57	0.17		33	0.58		
Range of Motion (Degrees)							
Right	2	1.84		88	0.07		
Left	3	0.89		89	0.07		
TIME PARAMETERS							
Time to Peak Torque (Seconds)							
Right	0.21	0.15		0.18	0.17		
Left	0.23	0.24		0.22	0.54		
Time Peak Torque Held (Seconds)							
Right	0.02	0.50		0.02	1.14		
Left	0.01	0.64		0.01	1.22		
Force Decay Time (Seconds)							
Right	0.33	0.10		0.38	0.09		
Left	0.32	0.14		0.34	0.28		
Reciprocal Delay (Seconds)							
Right	0.04	0.46		0.05	0.48		
Left	0.05	0.50		0.04	0.32		
Delay Time (Seconds)							
Right	-0.01	-0.39		-0.02	-0.50		
Left	-0.02	-0.63		-0.02	-0.35		