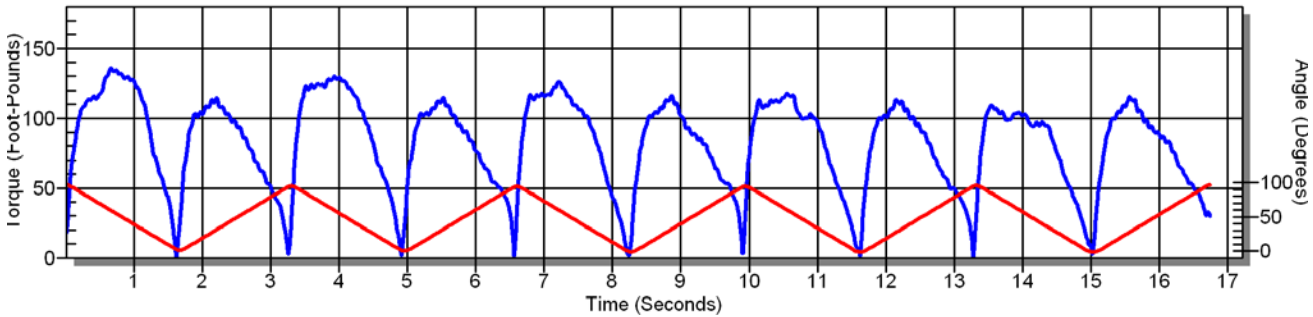
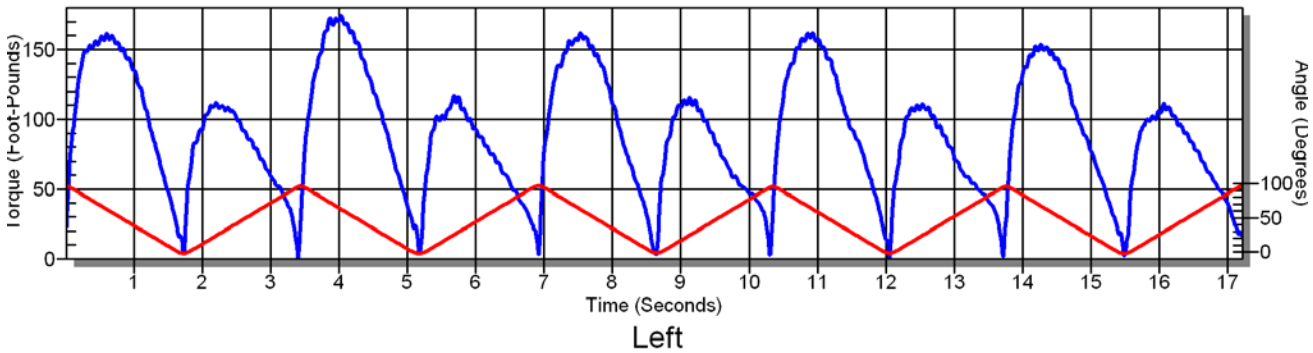


# CSMi Orthopedic Measure and Training 781-297-2034

## Long Form Torque vs. Time Report - Knee Extension/Flexion

Name: Potash, Rob L ID: 1234 Right/Left: 8/4/2007 8/4/2007  
Right



Torque Curves

Position Curves

Isokinetic Con/Con

Speed 60/60 deg/sec Reps 5

Extensors (Con)

Value

Cof Var

%BW

Flexors (Con)

Value

Cof Var

%BW

Ratio

### TORQUE PARAMETERS

Peak Torque (Foot-Pounds - Average Value) - [Zoom](#)

|         |     |      |     |     |      |    |    |
|---------|-----|------|-----|-----|------|----|----|
| Right   | 163 | 0.05 | 102 | 113 | 0.02 | 71 | 69 |
| Left    | 124 | 0.08 | 78  | 115 | 0.01 | 72 | 93 |
| Deficit | 24  |      |     | -2  |      |    |    |

Work per Repetition (Foot-Pounds - Average Value) - [Zoom](#)

|         |     |      |     |     |      |    |    |
|---------|-----|------|-----|-----|------|----|----|
| Right   | 190 | 0.05 | 119 | 129 | 0.03 | 81 | 68 |
| Left    | 151 | 0.07 | 94  | 133 | 0.03 | 83 | 88 |
| Deficit | 21  |      |     | -3  |      |    |    |

Average Power per Repetition (Watts - Average Value) - [Zoom](#)

|         |     |      |    |     |      |    |    |
|---------|-----|------|----|-----|------|----|----|
| Right   | 151 | 0.05 | 94 | 102 | 0.03 | 64 | 68 |
| Left    | 123 | 0.08 | 77 | 108 | 0.02 | 68 | 88 |
| Deficit | 19  |      |    | -6  |      |    |    |

### POSITION PARAMETERS

Joint Angle at Peak Torque (Degrees) - [Zoom](#)

|       |    |      |    |      |
|-------|----|------|----|------|
| Right | 63 | 0.03 | 25 | 0.09 |
| Left  | 64 | 0.17 | 30 | 0.08 |

Range of Motion (Degrees) - [Zoom](#)

|       |    |       |    |      |
|-------|----|-------|----|------|
| Right | -3 | -0.08 | 96 | 0.01 |
| Left  | -1 | -1.20 | 95 | 0.01 |

### TIME PARAMETERS

Time to Peak Torque (Seconds) - [Zoom](#)

|       |      |      |      |      |
|-------|------|------|------|------|
| Right | 0.58 | 0.07 | 0.51 | 0.08 |
| Left  | 0.53 | 0.38 | 0.55 | 0.05 |

Time Peak Torque Held (Seconds) - [Zoom](#)

|       |      |      |      |      |
|-------|------|------|------|------|
| Right | 0.01 | 0.00 | 0.02 | 1.41 |
| Left  | 0.04 | 0.76 | 0.02 | 1.30 |

Force Decay Time (Seconds) - [Zoom](#)

|       |      |      |      |      |
|-------|------|------|------|------|
| Right | 1.10 | 0.04 | 1.17 | 0.02 |
| Left  | 1.06 | 0.21 | 1.07 | 0.05 |

Reciprocal Delay (Seconds) - [Zoom](#)

|       |      |      |      |      |
|-------|------|------|------|------|
| Right | 0.05 | 0.13 | 0.06 | 0.09 |
| Left  | 0.05 | 0.11 | 0.05 | 0.16 |

Delay Time (Seconds) - [Zoom](#)

|       |       |       |       |       |
|-------|-------|-------|-------|-------|
| Right | -0.02 | -0.23 | -0.03 | -0.16 |
| Left  | -0.03 | 0.00  | -0.03 | -0.16 |