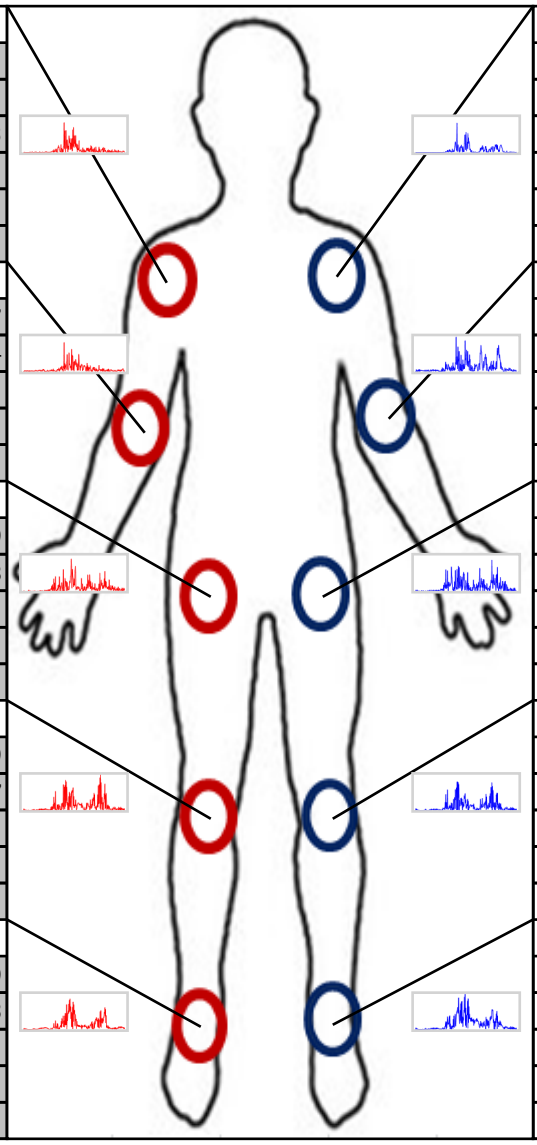
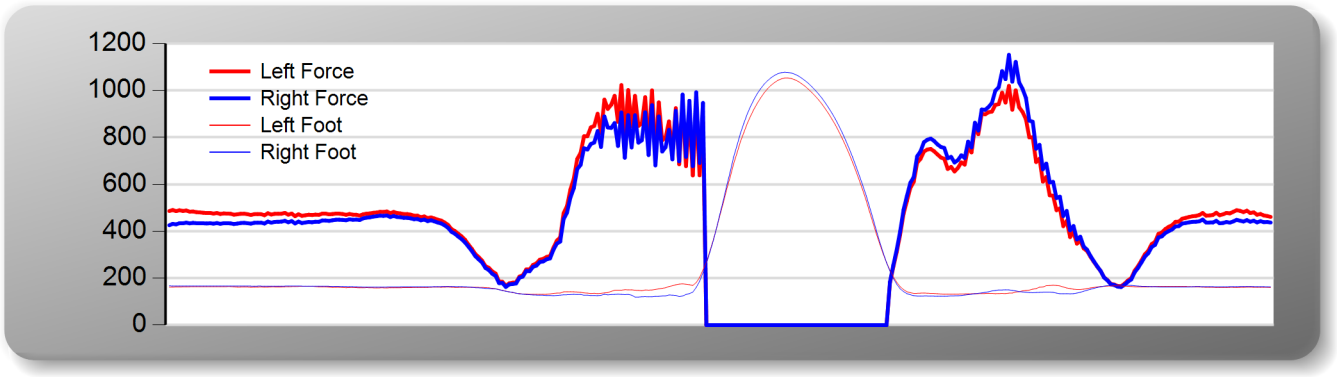
# Vertical Jump - 08 - Motion Analysis

Moodie, Patrick 11/08/2011

| Right Shoulder | Max | Min | Diff. |
|---|---|---|---|
| ROM | 131.93 | 73.91 | 1.01 |
| Joint Tq | 207.43 | 0.00 | 207.43 |
| X Plane | 182.97 | - | |
| Y Plane | 318.70 | - | |
| Z Plane | 256.76 | - | |
| **Right Elbow** | | | |
| ROM | 176.43 | 92.30 | 1.47 |
| Joint Tq | 64.44 | 0.00 | 64.44 |
| X Plane | 113.82 | -188.61 | |
| Y Plane | 205.74 | -160.31 | |
| Z Plane | 144.30 | -112.47 | |
| **Right Hip** | | | |
| ROM | 179.16 | 47.80 | 2.29 |
| Joint Tq | 180.28 | 0.00 | 180.28 |
| X Plane | 423.59 | -428.96 | |
| Y Plane | 110.62 | -130.83 | |
| Z Plane | 548.42 | -249.99 | |
| **Right Knee** | | | |
| ROM | 179.97 | 71.76 | 1.89 |
| Joint Tq | 79.87 | 0.00 | 79.87 |
| X Plane | 438.06 | -428.17 | |
| Y Plane | 107.77 | -125.35 | |
| Z Plane | 517.85 | -590.16 | |
| **Right Ankle** | | | |
| ROM | 127.87 | 59.69 | 1.19 |
| Joint Tq | 50.93 | 0.00 | 50.93 |
| X Plane | 434.67 | -434.52 | |
| Y Plane | 107.51 | -108.80 | |
| Z Plane | 498.74 | -653.97 | |



| Left Shoulder | Max | Min | Diff. |
|---|---|---|---|
| ROM | 132.45 | 69.15 | 1.10 |
| Joint Tq | 409.65 | 0.00 | 409.65 |
| X Plane | 219.16 | - | |
| Y Plane | 254.73 | - | |
| Z Plane | 145.22 | - | |
| **Left Elbow** | | | |
| ROM | 164.40 | 87.06 | 1.35 |
| Joint Tq | 57.44 | 0.00 | 57.44 |
| X Plane | 119.08 | -138.29 | |
| Y Plane | 137.58 | -134.45 | |
| Z Plane | 119.48 | -69.39 | |
| **Left Hip** | | | |
| ROM | 173.35 | 45.93 | 2.22 |
| Joint Tq | 122.17 | 0.00 | 122.17 |
| X Plane | 492.52 | -354.14 | |
| Y Plane | 142.57 | -102.81 | |
| Z Plane | 557.19 | -215.84 | |
| **Left Knee** | | | |
| ROM | 179.96 | 70.05 | 1.92 |
| Joint Tq | 63.79 | 0.00 | 63.79 |
| X Plane | 492.11 | -410.36 | |
| Y Plane | 109.90 | -134.90 | |
| Z Plane | 560.34 | -508.50 | |
| **Left Ankle** | | | |
| ROM | 124.02 | 59.55 | 1.13 |
| Joint Tq | 34.25 | 0.00 | 34.25 |
| X Plane | 476.00 | -434.80 | |
| Y Plane | 102.21 | -119.31 | |
| Z Plane | 574.79 | -577.28 | |