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**Trevor Greene Spasticity Assessment**

8 November 2022

# Wrist Assessment

## How the Assessment was Performed

Image of hand placement on device

## Assessment Results

|  |  |
| --- | --- |
| Joint Angle (Left Wrist)  2022-11-08 13:25:43 | Joint Angle (Right Wrist)  2022-11-08 13:21:41 |
| Muscle Resistance (Left Wrist)  2022-11-08 13:25:43 | Muscle Resistance (Right Wrist)  2022-11-08 13:21:41 |

## Interpretation of Results – Joint Angle

### Left Side

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Left Joint Angle (Min, Start) | Left Joint Angle (Max, Start) | Left Joint Angle (Min, End) | Left Joint Angle (Max, End) |
| Joint Angle (Degrees) | -14 | 65 | -14 | 65 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Start of Assessment | End of Assessment | Deviation |
| Joint Angle (Degrees) | 79 | 79 | 0 |

### Right Side

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Right Joint Angle (Min, Start) | Right Joint Angle (Max, Start) | Right Joint Angle (Min, End) | Right Joint Angle (Max, End) |
| Joint Angle | -30 | 50 | -20 | 38 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Start of Assessment | End of Assessment | Deviation |
| Joint Angle (Degrees) | 80 | 58 | -22 |

## Interpretation of Results – Force Applied

### Left Side

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Motion #1 | Motion #4 | Motion #6 | Motion #9 |
| Peak Force Applied | 110000 | 180000 | 200000 | 150000 |

### Right Side

|  |  |  |  |
| --- | --- | --- | --- |
|  | Motion #1 | Motion #2 | Motion #3 |
| Peak Force Applied | 86000 | 110000 | 165000 |

*Note: Force units between ankle and wrist assessment tools are not directly comparable!*

# Ankle Assessment

## How the Assessment was Performed

Image of hand placed on ankle device

## Assessment Results

|  |  |
| --- | --- |
| Joint Angle (Left Ankle)  2022-11-08 13:00:37 | Joint Angle (Right Ankle)  2022-11-08 13:08:48 |
| Muscle Resistance (Left Ankle)  2022-11-08 13:00:37 | Muscle Resistance (Right Ankle)  2022-11-08 13:08:48 |

## Interpretation of Results – Joint Angle

### Left Side

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Left Joint Angle (Min, Start) | Left Joint Angle (Max, Start) | Left Joint Angle (Min, End) | Left Joint Angle (Max, End) |
| Joint Angle (Degrees) | -4.5 | 22 | -18 | 9 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Start of Assessment | End of Assessment | Deviation |
| Joint Angle (Degrees) | 26.5 | 27 | +0.5 |

### Right Side

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Right Joint Angle (Min, Start) | Right Joint Angle (Max, Start) | Right Joint Angle (Min, End) | Right Joint Angle (Max, End) |
| Joint Angle | 88 | 119 | 101 | 130 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Start of Assessment | End of Assessment | Deviation |
| Joint Angle (Degrees) | 31 | 29 | -2 |

## Interpretation of Results – Force Applied

### Left Side

|  |  |  |  |
| --- | --- | --- | --- |
|  | Motion #1 | Motion #2 | Motion #3 |
| Peak Force Applied | 650 | 600 | 360 |

### Right Side

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Motion #1 | Motion #2 | Motion #3 | Motion #4 |
| Peak Force Applied | 650 | 900 | 820 | 815 |

*Note: Force units between ankle and wrist assessment tools are not directly comparable!*