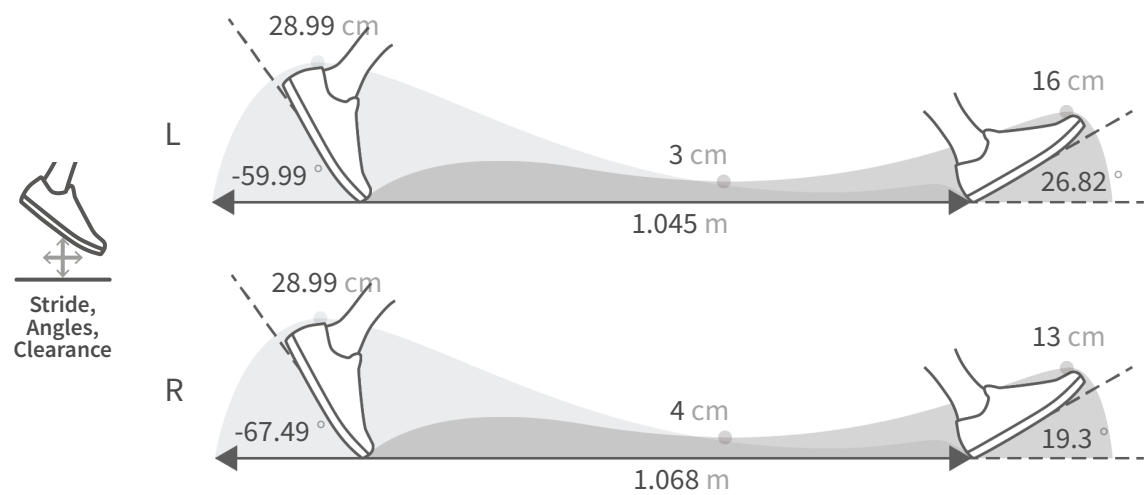
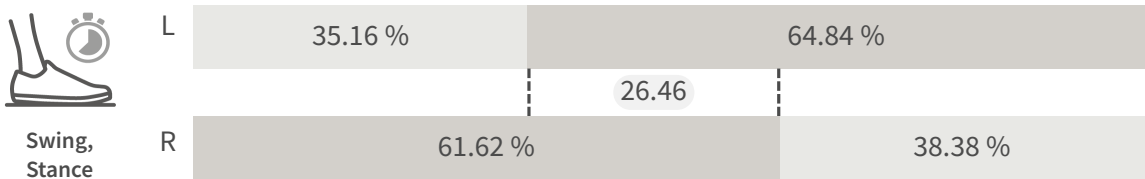
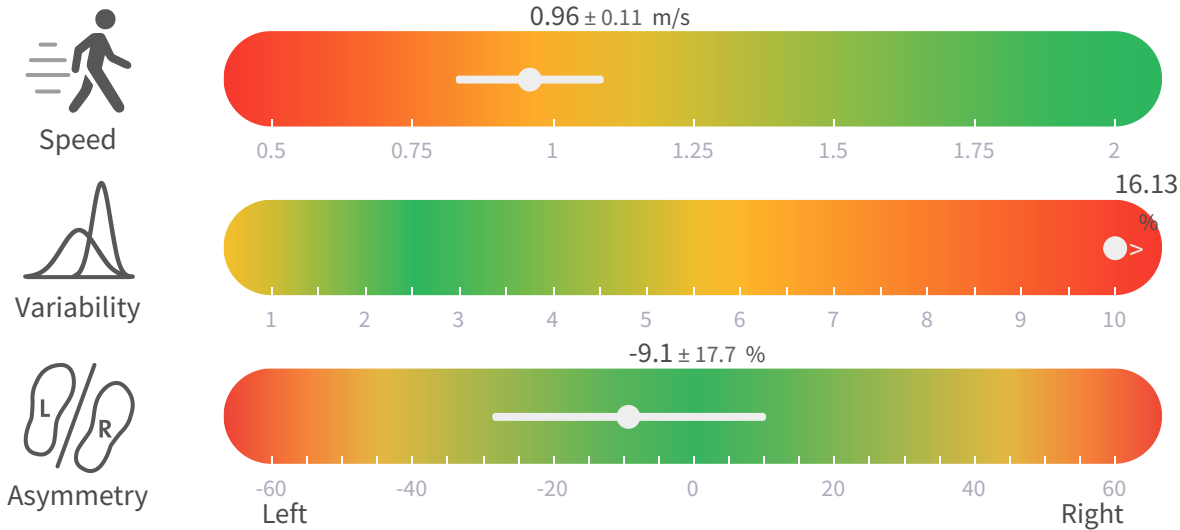


Gait analysis report














| | | | | | |
|------------|-----------|---------|----------|------------------|----------|
| Patient ID | 30 cm | Gender | Age | 02-09-2024 00:00 | |
| 192.59 s | Shoe size | 117 | 112 | Date | |
| Test time | 3.17 s | Strides | Analysed | 5 | 120.61 m |
| | Turn time | | | Discarded | Distance |







Remarks







Detailed statistics

| General |  |  |  |  |  | | | | | |
|-----------|---|---|---|--|---|------|-------|-------|------|-------|
| Parameter | Cycle duration | Cadence | Stride length | Speed | Turning angle | | | | | |
| Unit | s | steps/min | m | m/s | degree | | | | | |
| Side | L | R | L | R | L | R | | | | |
| Mean | 1.21 | 1.19 | 101.59 | 102.23 | 1.04 | 1.07 | 0.92 | 0.95 | -0.1 | 0.3 |
| Median | 1.17 | 1.17 | 103 | 103 | 1.04 | 1.07 | 0.92 | 0.94 | -0.3 | 0 |
| Std | 0.36 | 0.19 | 9.52 | 7.64 | 0.1 | 0.09 | 0.12 | 0.11 | 2.5 | 5 |
| Iqr | 0.07 | 0.07 | 6.19 | 5.73 | 0.14 | 0.12 | 0.1 | 0.1 | 2.9 | 5.9 |
| Min | 1.08 | 1.06 | 24.79 | 38.52 | 0.87 | 0.73 | 0.28 | 0.23 | -5.5 | -11.2 |
| Max | 4.84 | 3.12 | 110.6 | 112.68 | 1.31 | 1.33 | 1.26 | 1.26 | 7.7 | 17.7 |
| Ratio | 1.02 | 0.98 | 0.99 | 1.01 | 0.98 | 1.02 | 0.96 | 1.04 | -0.3 | -3.6 |
| CV | 29.86 | 16.13 | 9.37 | 7.47 | 9.3 | 8.58 | 13.11 | 11.31 | | |

| Temporal |  |  |  |  |  |  | | | | | | |
|-----------|---|---|---|--|---|---|-------|-------|-------|-------|-------|-------|
| Parameter | Stance | Swing | Loading | Foot-flat | Pushing | Double support | | | | | | |
| Unit | % cycle | % cycle | % stance | % stance | % stance | % cycle | | | | | | |
| Side | L | R | L | R | L | R | L | R | | | | |
| Mean | 64.84 | 61.62 | 35.16 | 38.38 | 10.05 | 9.08 | 61.78 | 61.16 | 28.17 | 29.76 | 26.35 | 26.35 |
| Median | 64.85 | 61.77 | 35.15 | 38.23 | 9.73 | 8.47 | 61.36 | 61.27 | 28.97 | 29.97 | 26.45 | 26.45 |
| Std | 4.29 | 3.57 | 4.29 | 3.57 | 3.02 | 2.33 | 5.55 | 4.68 | 4.53 | 3.86 | 6.44 | 6.44 |
| Iqr | 4.47 | 4.26 | 4.47 | 4.26 | 4.51 | 3.14 | 5.75 | 4.83 | 5.18 | 4 | 5.05 | 5.05 |
| Min | 56.36 | 52.38 | 7.64 | 17.98 | 1.34 | 1.96 | 51.27 | 46.62 | 5.37 | 11.35 | 12.88 | 12.88 |
| Max | 92.36 | 82.02 | 43.64 | 47.62 | 17.72 | 17.29 | 93.29 | 86.69 | 35.06 | 40.77 | 80.79 | 80.79 |
| Ratio | 1.05 | 0.95 | 0.92 | 1.09 | 1.11 | 0.9 | 1.01 | 0.99 | 0.95 | 1.06 | | |
| CV | 6.61 | 5.8 | 12.19 | 9.31 | 30.08 | 25.67 | 8.99 | 7.65 | 16.09 | 12.96 | 24.44 | 24.44 |

| Spatial |  |  |  |  |  |  | | | | | | |
|-----------|---|---|---|--|---|---|--------|--------|-------|-------|--------|--------|
| Parameter | Peak swing | Swing speed | Strike angle | Lift-off angle | Swing width | 3D path length | | | | | | |
| Unit | degree/s | m/s | degree | degree | m | % stride length | | | | | | |
| Side | L | R | L | R | L | R | L | R | | | | |
| Mean | 347.7 | 374.1 | 3.15 | 3.09 | 26.82 | 19.3 | -59.99 | -67.49 | 0.03 | -0.06 | 110.3 | 110.24 |
| Median | 348.3 | 378.2 | 3.15 | 3.09 | 26.73 | 19.13 | -61.35 | -68.28 | 0.03 | -0.06 | 109.6 | 109.41 |
| Std | 32.9 | 38.4 | 0.17 | 0.22 | 4.15 | 5.31 | 6.96 | 5.7 | 0.02 | 0.03 | 3.4 | 3.73 |
| Iqr | 38.1 | 45.9 | 0.24 | 0.24 | 6.26 | 7.13 | 8.91 | 7.41 | 0.02 | 0.03 | 4.29 | 4.48 |
| Min | 265.1 | 278 | 2.74 | 2.37 | 14.77 | 7.37 | -71.74 | -78.16 | -0.03 | -0.12 | 104.35 | 103.84 |
| Max | 484.4 | 516.9 | 3.55 | 3.57 | 37.79 | 35.08 | -37.21 | -44.93 | 0.07 | 0.05 | 123.63 | 128.74 |
| Ratio | 0.9 | 1.1 | 1.02 | 0.98 | 1.39 | 0.72 | 0.89 | 1.12 | -0.42 | -2.41 | 1 | 1 |
| CV | 9.5 | 10.3 | | | 15.48 | 27.52 | -11.6 | -8.44 | | | 3.08 | 3.38 |

| Clearance |  |  |  |  | | | | |
|-----------|---|---|---|--|------|------|------|------|
| Parameter | Max. heel | Max. toe 1 | Min. toe | Max toe 2 | | | | |
| Unit | m | m | m | m | | | | |
| Side | L | R | L | R | L | R | L | R |
| Mean | 0.29 | 0.29 | 0.06 | 0.06 | 0.03 | 0.04 | 0.16 | 0.13 |
| Median | 0.29 | 0.29 | 0.07 | 0.06 | 0.04 | 0.04 | 0.15 | 0.13 |
| Std | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 | 0.03 | 0.04 |
| Iqr | 0.04 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.04 | 0.04 |
| Min | 0.18 | 0.22 | 0.02 | 0.03 | 0.01 | 0.01 | 0.1 | 0.07 |
| Max | 0.34 | 0.38 | 0.1 | 0.13 | 0.07 | 0.07 | 0.23 | 0.23 |
| Ratio | 1 | 1 | 1.06 | 0.94 | 0.84 | 1.19 | 1.18 | 0.85 |
| CV | | | | | | | | |

Cycle-by-cycle results can be found in the excel file also generated by the software