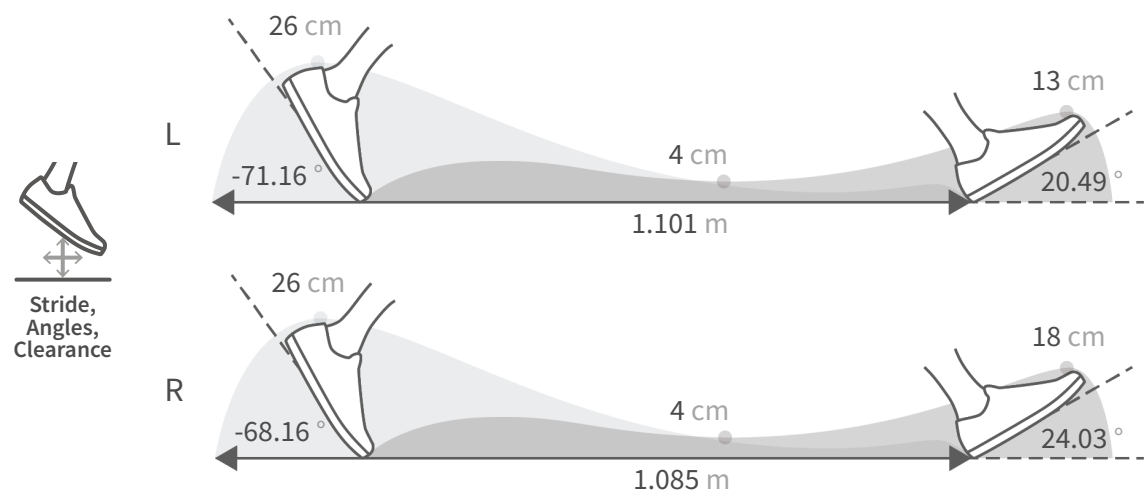
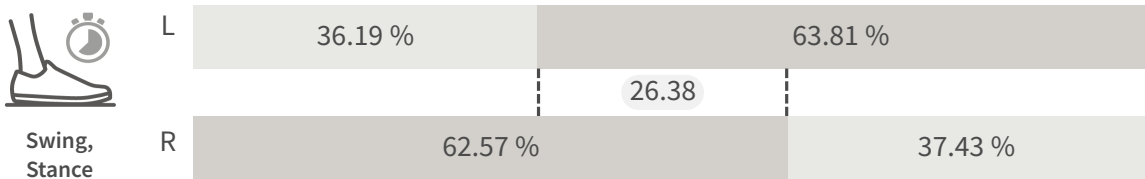
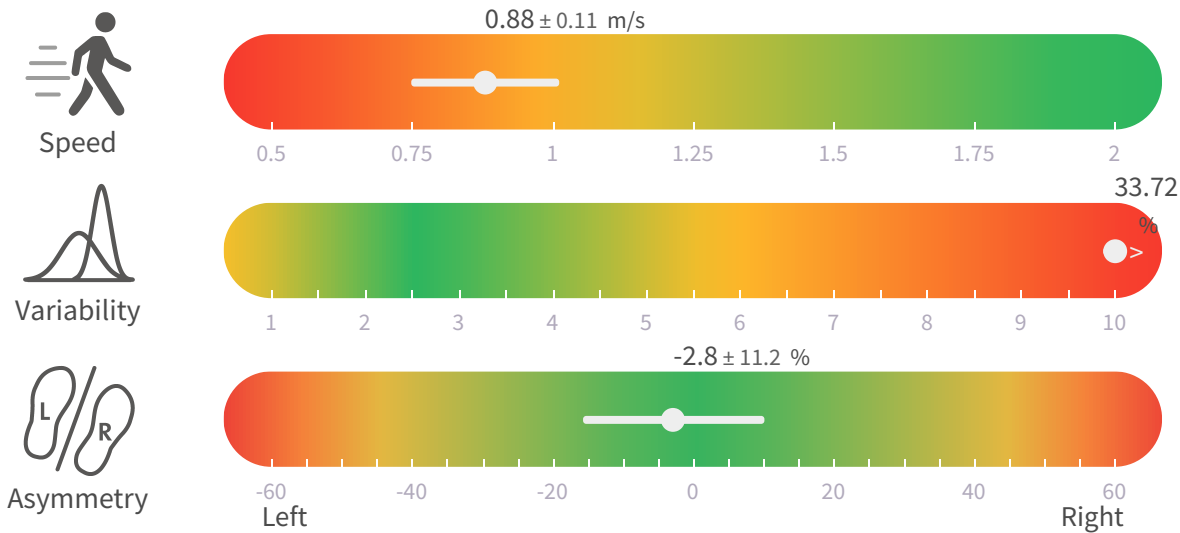







# Gait analysis report















Patient ID	26 cm	Gender	Age	02-09-2024 00:00	
221.43 s	0 s	110	106	4	115.27 m
Test time	Turn time	Strides	Analysed	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	1.28	1.28	95.7	96.07	1.1	1.08	0.89	0.88	-0.2	0.5
Median	1.24	1.24	97.17	97.17	1.11	1.09	0.91	0.89	0	0.3
Std	0.32	0.43	8.95	7.99	0.1	0.13	0.12	0.11	2.2	2.5
Iqr	0.06	0.05	4.65	3.62	0.07	0.13	0.05	0.09	2.5	3.5
Min	1.14	1.15	28.71	21.22	0.49	0.23	0.17	0.14	-11.8	-6
Max	4.18	5.66	105.26	104.35	1.27	1.37	1.03	1.09	5.4	9.8
Ratio	1	1	1	1	1.01	0.98	1.02	0.98	-0.3	-3
CV	24.87	33.72	9.35	8.32	8.87	11.6	12.91	12.73		

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	63.81	62.57	36.19	37.43	9.34	10.44	62.9	61.75	27.76	27.82	26.03	26.03
Median	63.69	62.81	36.31	37.19	9.38	10.19	62.31	61.29	28.61	28.86	26.23	26.23
Std	3.7	4.2	3.7	4.2	2.12	1.96	5.21	4.51	4.33	3.78	6.82	6.82
Iqr	1.73	4.25	1.73	4.25	2.49	1.67	3.15	4.08	2.45	5.62	4.86	4.86
Min	57.14	56.25	8.61	8.84	1.31	0.97	47.89	51.61	4.45	5.33	15.48	15.48
Max	91.39	91.16	42.86	43.75	14.91	15.48	94.24	93.7	45.07	36.36	86.27	86.27
Ratio	1.02	0.98	0.97	1.03	0.89	1.12	1.02	0.98	1	1		
CV	5.81	6.72	10.23	11.23	22.74	18.81	8.28	7.31	15.61	13.6	26.21	26.21

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	351.6	349.1	3.09	3.02	20.49	24.03	-71.16	-68.16	0.04	-0.04	106.85	108.07
Median	353	347.6	3.12	3.02	20.9	24.26	-71.71	-68.45	0.04	-0.04	106.47	107.64
Std	18.6	25.7	0.32	0.16	3.56	2.56	5.41	3.63	0.02	0.02	2.91	2.52
Iqr	23.7	16.9	0.15	0.2	2.64	1.5	3.61	2.35	0.02	0.02	1.81	3.14
Min	283.4	267.7	0.18	2.67	2.47	0.89	-78.52	-80.65	-0.1	-0.09	103.66	103.77
Max	411	531.3	3.46	3.47	28.4	27	-30.97	-39.61	0.08	0.02	126.71	117.36
Ratio	1	1	1.02	0.98	0.85	1.17	1.04	0.96	-1.07	-0.93	0.99	1.01
CV	5.3	7.4			17.39	10.67	-7.61	-5.33			2.73	2.34

Clearance								
	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	0.26	0.26	0.06	0.07	0.04	0.04	0.13	0.18
Median	0.26	0.26	0.06	0.07	0.04	0.04	0.13	0.18
Std	0.01	0.02	0.01	0.01	0.01	0.01	0.02	0.01
Iqr	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02
Min	0.14	0.13	0.04	0.02	0.02	0.01	0.04	0.15
Max	0.31	0.29	0.19	0.09	0.06	0.06	0.21	0.21
Ratio	1.02	0.98	0.93	1.07	0.95	1.05	0.74	1.36
CV								

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