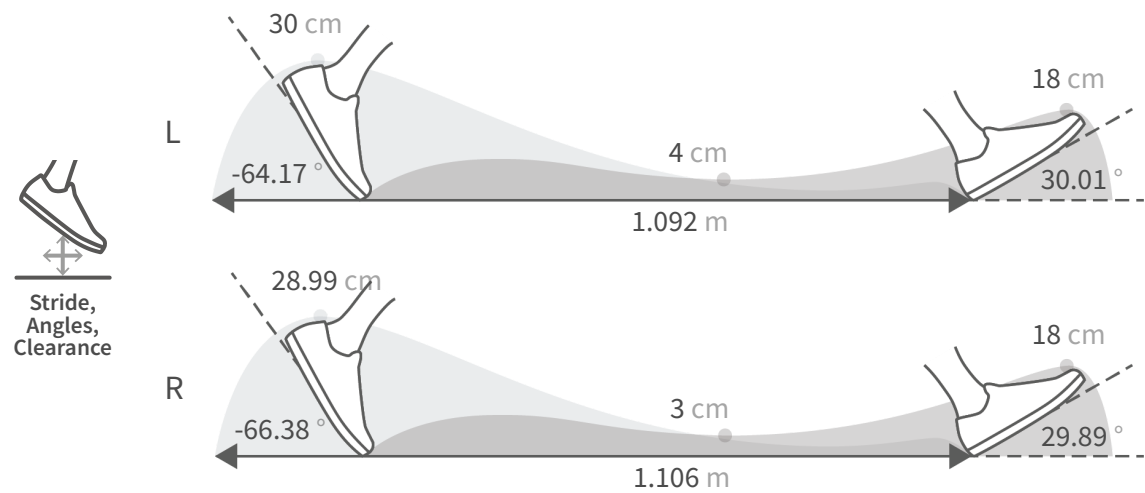
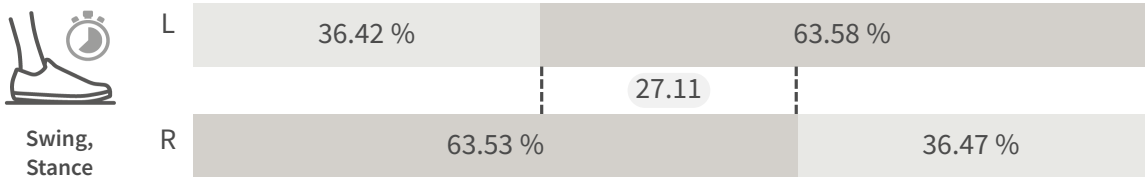
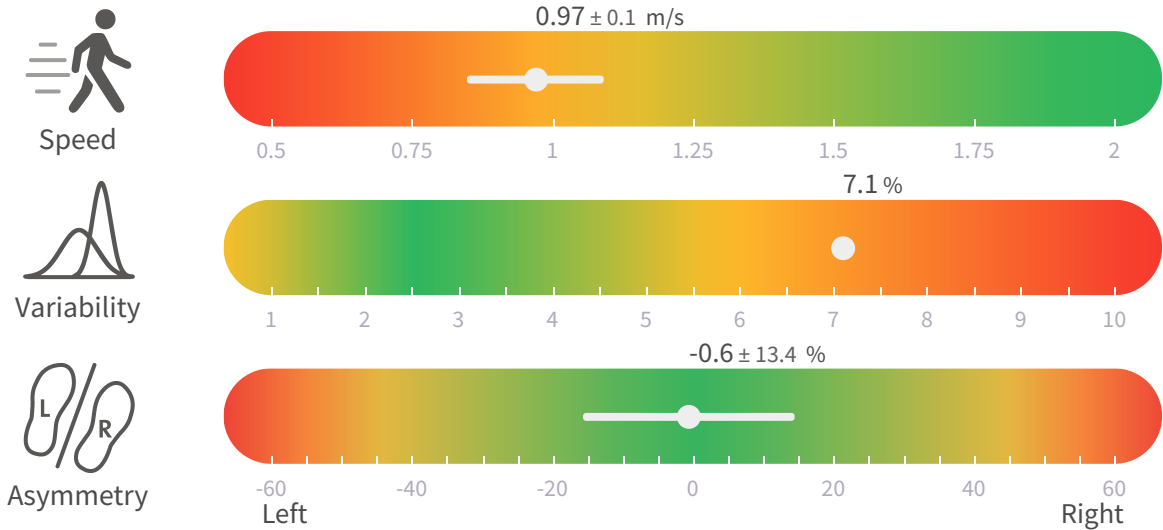


# Gait analysis report














Patient ID	30 cm	Gender	Age	02-09-2024 00:00	
213.32 s	8.11 s	112	105	7	117.74 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	1.21	1.19	100.87	101.53	1.09	1.11	0.97	0.97	0	0.3
Median	1.19	1.18	100.84	101.69	1.1	1.1	0.98	0.97	0.1	0.2
Std	0.25	0.08	9.05	7.2	0.1	0.12	0.13	0.1	2.8	2.9
Iqr	0.09	0.09	7.42	7.97	0.11	0.15	0.14	0.11	3.2	3.8
Min	0.95	0.88	32.7	77.17	0.83	0.64	0.4	0.43	-9	-7.9
Max	3.67	1.55	125.65	137.14	1.35	1.4	1.36	1.25	6.7	9.4
Ratio	1.02	0.98	0.99	1.01	0.99	1.01	0.99	1.01	-0.1	-9.7
CV	20.88	7.1	8.97	7.1	8.8	10.67	12.87	10.51		

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	63.58	63.53	36.42	36.47	8.82	9.18	62.66	61.6	28.52	29.22	26.85	26.85
Median	64.11	63.71	35.89	36.29	7.8	8.72	62.59	62.07	28.95	28.86	27.39	27.39
Std	3.78	2.4	3.78	2.4	2.72	2.11	5.01	3.39	3.95	2.64	3.66	3.66
Iqr	4.38	3.27	4.38	3.27	3.21	3.18	4.33	3.18	4.44	2.14	4.23	4.23
Min	54.34	57.09	16.49	30.63	1.63	5.71	38.05	45.38	8.65	21.77	16.9	16.9
Max	83.51	69.37	45.66	42.91	17.7	18.71	89.72	70.15	44.25	42.86	34.07	34.07
Ratio	1	1	1	1	0.96	1.04	1.02	0.98	0.98	1.02		
CV	5.95	3.78	10.38	6.58	30.88	23.02	8	5.5	13.84	9.04	13.63	13.63

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	366.9	394.9	3.19	3.21	30.01	29.89	-64.17	-66.38	0.04	-0.05	111.75	110.8
Median	363.5	386.1	3.2	3.23	28.32	28.42	-64.76	-67.03	0.04	-0.05	110.46	110.24
Std	37.5	45.3	0.19	0.19	6.84	8.15	5.11	5.16	0.03	0.02	5.2	4.07
Iqr	47.6	42.1	0.25	0.24	8.12	9.71	5.33	4.46	0.02	0.03	4.37	5.22
Min	249	304.9	2.44	2.79	15.05	10.53	-80.76	-78.45	-0.05	-0.11	105.18	103.66
Max	478	549.3	3.59	3.65	46.83	48.62	-44.7	-34.65	0.1	0.04	135.48	123.54
Ratio	0.9	1.1	0.99	1	1	1	0.97	1.03	-0.67	-1.48	1.01	0.99
CV	10.2	11.5			22.79	27.28	-7.97	-7.77			4.65	3.67

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	0.3	0.29	0.07	0.05	0.04	0.03	0.18	0.18
Median	0.3	0.29	0.07	0.05	0.04	0.03	0.16	0.18
Std	0.02	0.02	0.02	0.02	0.02	0.01	0.04	0.05
Iqr	0.04	0.03	0.02	0.02	0.02	0.01	0.05	0.07
Min	0.25	0.17	0.04	0.03	0	0	0.09	0.09
Max	0.37	0.37	0.11	0.12	0.08	0.06	0.28	0.33
Ratio	1.06	0.95	1.43	0.7	1.21	0.83	0.95	1.05
CV								

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