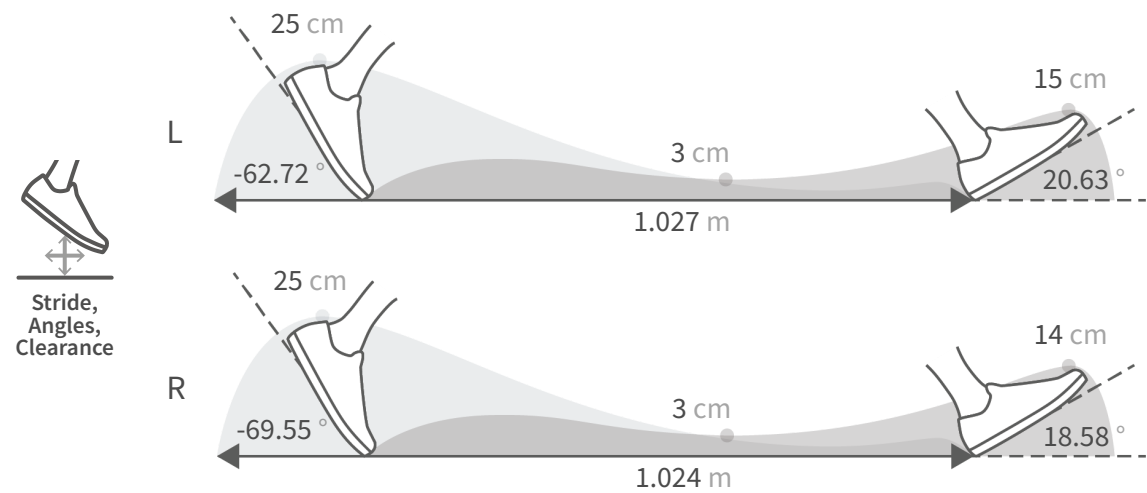
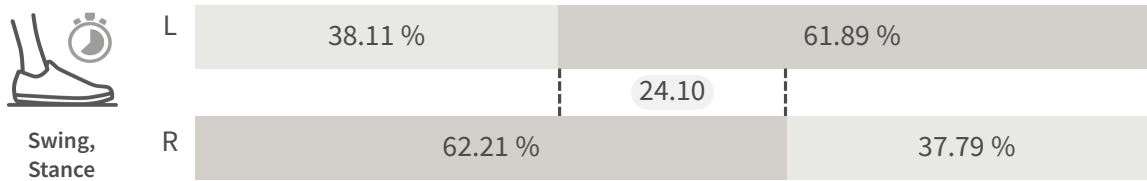
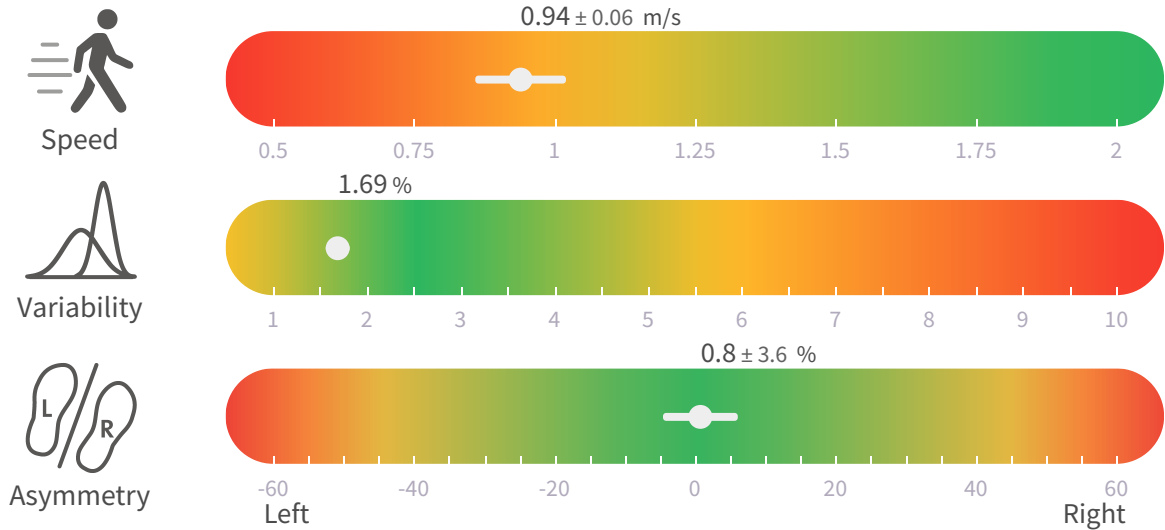


# Gait analysis report














Patient ID	27 cm	Gender	Age	02-09-2024 00:00	
185.95 s	8.12 s	113	107	6	111.91 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	1.12	1.12	107.1	107.16	1.03	1.02	0.94	0.94	0.1	0.4
Median	1.12	1.12	107.14	107.14	1.03	1.02	0.95	0.94	-0.1	0.2
Std	0.02	0.02	1.85	1.8	0.07	0.06	0.06	0.06	2.1	2.7
Iqr	0.03	0.03	2.87	2.87	0.07	0.08	0.08	0.08	2.6	3.2
Min	1.06	1.08	101.69	102.56	0.8	0.85	0.75	0.71	-5.6	-6.7
Max	1.18	1.17	112.68	111.11	1.19	1.15	1.05	1.07	8.4	15.9
Ratio	1	1	1	1	1	1	0.99	0.99	0.2	5.7
CV	1.73	1.69	1.73	1.68	6.84	5.92	6.14	6.19		

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	61.89	62.21	38.11	37.79	9.19	7.59	59.85	58.23	30.96	34.17	24	24
Median	61.88	62.27	38.12	37.73	9.35	7.25	59.57	58.27	31.16	34.07	24.02	24.02
Std	0.96	0.96	0.96	0.96	1.01	0.8	1.84	1.78	1.7	1.55	1.43	1.43
Iqr	1.08	1.26	1.08	1.26	1.27	0.7	2.29	2.06	1.66	1.7	1.64	1.64
Min	58.64	58.99	35.71	35.47	7.04	6.62	56.93	54.14	21.33	28.48	15.57	15.57
Max	64.29	64.53	41.36	41.01	11.43	11.28	70	64.9	33.82	38.57	27.19	27.19
Ratio	0.99	1.01	1.01	0.99	1.21	0.83	1.03	0.97	0.91	1.1		
CV	1.56	1.55	2.53	2.55	11.03	10.59	3.07	3.06	5.48	4.53	5.95	5.95

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	348.3	344	3.34	3.24	20.63	18.58	-62.72	-69.55	0.05	-0.06	109.14	109.11
Median	349.2	343.4	3.35	3.24	20.9	18.71	-63.08	-69.91	0.05	-0.06	108.41	108.91
Std	11.8	13.8	0.15	0.13	1.42	1.81	3.29	3.13	0.01	0.01	2.63	2.05
Iqr	12.6	16.8	0.16	0.17	1.89	2.16	3.18	3.58	0.02	0.02	3.14	2.67
Min	303.3	297.5	2.79	2.87	16.23	8.61	-68.63	-77.37	0.02	-0.1	104.99	105.21
Max	381.7	385.5	3.65	3.54	23.26	23.54	-44.52	-60.46	0.08	-0.03	120.31	116.32
Ratio	1	1	1.03	0.97	1.11	0.9	0.9	1.11	-0.89	-1.13	1	1
CV	3.4	4			6.86	9.74	-5.24	-4.5			2.41	1.88

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	0.25	0.25	0.06	0.05	0.03	0.03	0.15	0.14
Median	0.25	0.26	0.06	0.05	0.03	0.03	0.15	0.15
Std	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Iqr	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.02
Min	0.17	0.21	0.03	0.02	0.01	0.01	0.13	0.1
Max	0.27	0.3	0.07	0.08	0.05	0.06	0.17	0.17
Ratio	0.98	1.02	1.08	0.93	0.9	1.11	1.01	0.98
CV								

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