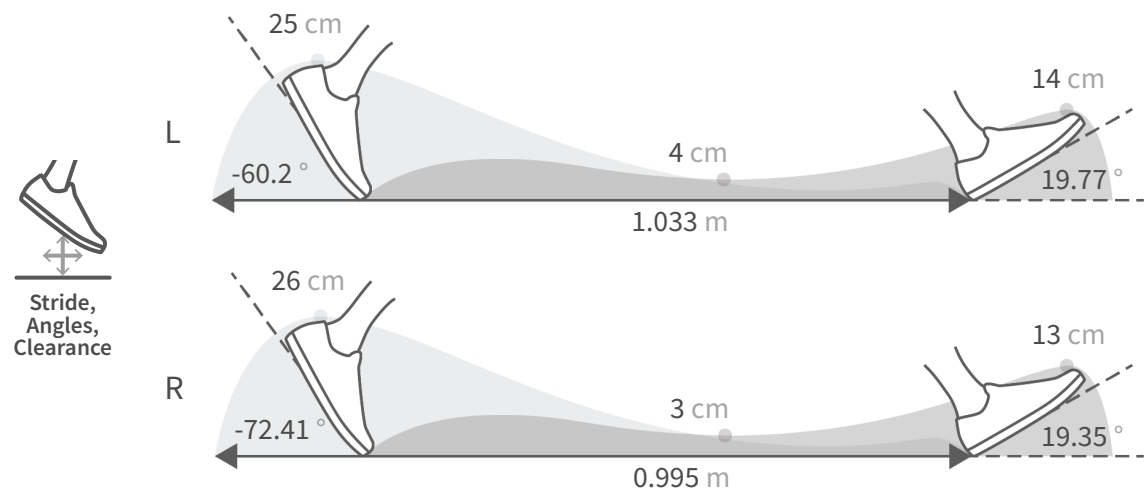
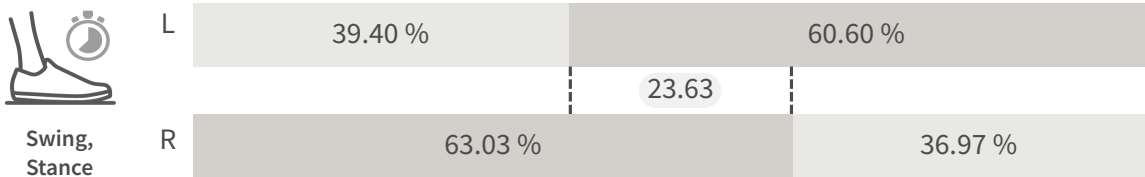
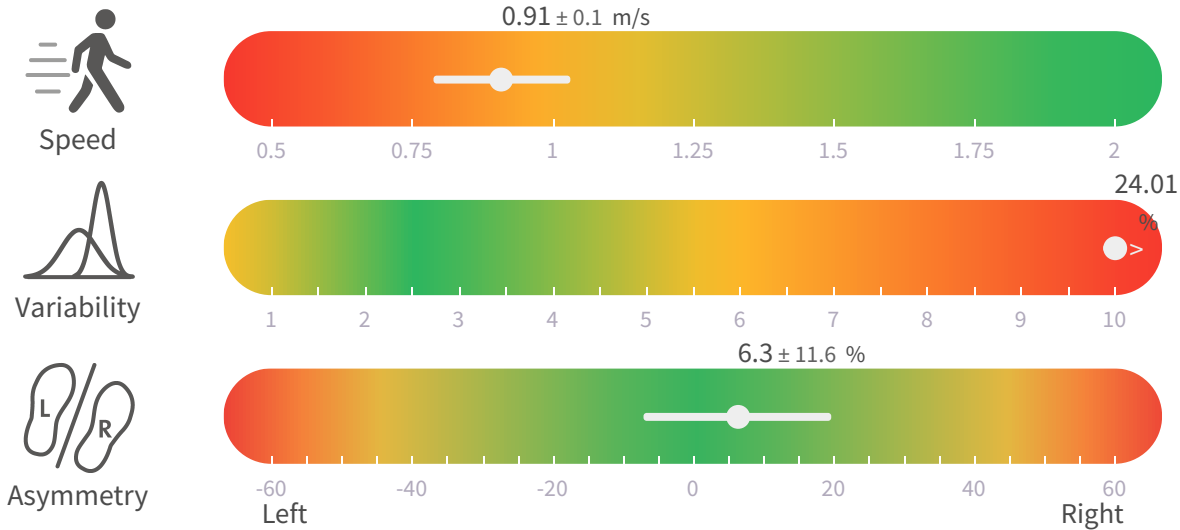


Gait analysis report














Patient ID	27 cm	Gender	Age	02-09-2024 00:00	
201.45 s	Shoe size	112	106	Date	
Test time	10.6 s	Strides	Analysed	6	108.31 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	1.12	1.15	107.57	106.63	1.03	0.99	0.96	0.91	0.1	0.5
Median	1.11	1.11	107.62	107.62	1.04	1	0.96	0.93	-0.2	0.7
Std	0.02	0.28	2.14	8.24	0.07	0.09	0.06	0.1	2.3	3.5
Iqr	0.03	0.02	2.9	1.93	0.1	0.08	0.07	0.07	2.7	3.3
Min	1.06	1.06	100	30.69	0.86	0.35	0.76	0.3	-7.1	-4.7
Max	1.2	3.91	112.68	112.68	1.25	1.11	1.17	1.06	7.1	19.6
Ratio	0.97	1.03	1.01	0.99	1.04	0.96	1.05	0.95	0.2	5.3
CV	2.01	24.01	1.99	7.73	6.66	8.7	5.89	10.58		

Temporal												
Parameter	Stance	Swing	Loading	Foot-flat	Pushing	Double support						
Unit	% cycle	% cycle	% stance	% stance	% stance	% cycle						
Side	L	R	L	R	L	R						
Mean	60.6	63.03	39.4	36.97	8.67	7.19	61.07	57.09	30.26	35.72	23.28	23.28
Median	60.71	62.75	39.29	37.25	8.57	7.19	60.87	56.74	30.37	35.97	23.56	23.56
Std	1.14	3.02	1.14	3.02	1.05	0.76	2.01	4.51	1.98	3.92	1.35	1.35
Iqr	1.45	1.63	1.45	1.63	1.63	0.26	2.1	2.16	2.81	2.23	1.86	1.86
Min	57.2	60.27	35.65	10.87	7.14	1.43	56.39	51.49	24.81	8.03	19.63	19.63
Max	64.35	89.13	42.8	39.73	12.32	9.63	66.67	90.53	33.83	41.04	26.67	26.67
Ratio	0.96	1.04	1.07	0.94	1.21	0.83	1.07	0.93	0.85	1.18		
CV	1.88	4.79	2.89	8.18	12.12	10.62	3.29	7.9	6.56	10.97	5.8	5.8

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	337.2	357.9	3.27	3.23	19.77	19.35	-60.2	-72.41	0.05	-0.05	109.24	108.84
Median	338	360.4	3.28	3.23	19.84	19.61	-60.93	-73.27	0.05	-0.05	108.9	108.51
Std	13.4	25	0.13	0.13	1.76	2.35	3.9	5.92	0.02	0.02	2.7	2.25
Iqr	19	20.2	0.16	0.15	2.79	1.63	5.19	3.74	0.03	0.02	3.11	2.12
Min	303.6	156.4	2.9	2.83	14.76	0.51	-66.86	-80.38	0.03	-0.09	104.23	105.32
Max	362.3	404.4	3.63	3.48	23.47	23.49	-48.14	-22.99	0.1	-0.01	118.69	118.52
Ratio	0.9	1.1	1.01	0.99	1.02	0.98	0.83	1.2	-1.03	-0.97	1	1
CV	4	7			8.91	12.15	-6.48	-8.18			2.47	2.07

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	0.26	0.07	0.05	0.04	0.03	0.14	0.13
Median	0.25	0.26	0.07	0.05	0.04	0.03	0.14	0.13
Std	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
Iqr	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.01
Min	0.2	0.09	0.04	0.03	0.01	0.01	0.11	0.1
Max	0.28	0.3	0.09	0.08	0.06	0.06	0.17	0.16
Ratio	0.97	1.03	1.28	0.78	1.18	0.85	1.13	0.89
CV								

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