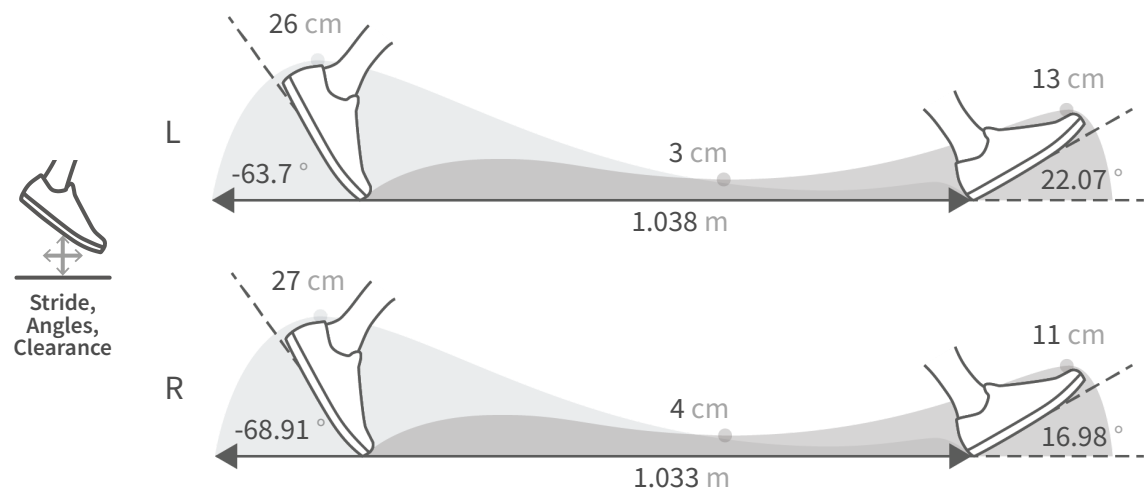
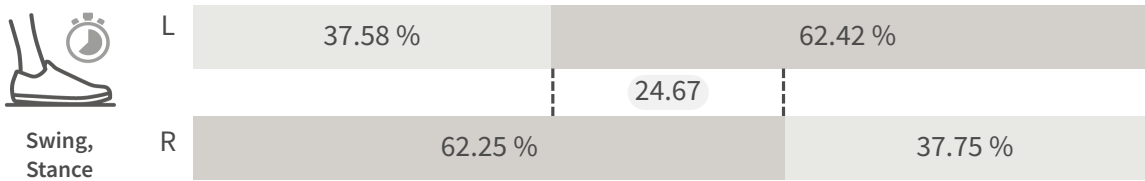
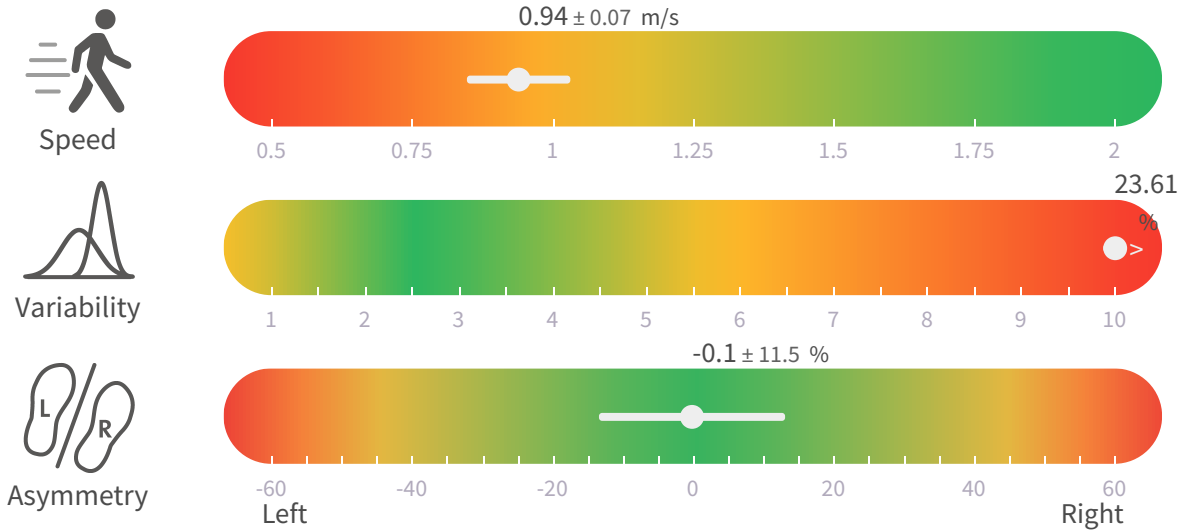







Gait analysis report















Patient ID	27 cm	Gender	Age	02-09-2024 00:00	
195.81 s	8.28 s	116	110	6	116.79 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	L	R	L	R
Mean	1.12	1.15	106.99	106.4	1.04	1.03	0.95	0.94	0.1	0.5
Median	1.13	1.12	106.67	107.14	1.04	1.03	0.96	0.94	0	0.2
Std	0.02	0.27	1.77	7.65	0.07	0.06	0.06	0.07	2.8	3.2
Iqr	0.03	0.03	2.38	2.87	0.09	0.09	0.07	0.07	3.8	3.4
Min	1.07	1.06	100.42	30.38	0.87	0.9	0.68	0.38	-5.8	-7.3
Max	1.2	3.95	111.63	112.68	1.19	1.17	1.07	1.05	15.1	14.5
Ratio	0.98	1.02	1.01	0.99	1	1	1.01	0.99	0.2	5.8
CV	1.66	23.61	1.65	7.19	6.4	5.59	6.13	7.72		

Temporal												
	Stance % cycle	Swing % cycle	Loading % stance	Foot-flat % stance	Pushing % stance	Double support % cycle						
Parameter	L	R	L	R	L	R	L	R	L	R		
Unit												
Side	L	R	L	R	L	R	L	R	L	R		
Mean	62.42	62.25	37.58	37.75	9.59	7.46	59.67	60	30.74	32.53	24.45	24.45
Median	62.47	62.19	37.53	37.81	9.66	7.3	59.72	59.85	30.82	32.63	24.55	24.55
Std	0.95	2.88	0.95	2.88	1.01	0.87	1.64	3.36	1.47	2.83	1.31	1.31
Iqr	1.27	1.02	1.27	1.02	1.18	0.54	2	1.92	1.64	2.13	1.67	1.67
Min	59.91	55.87	35.27	10.63	7.14	1.42	53.62	54.55	27.01	9.07	17.37	17.37
Max	64.73	89.37	40.09	44.13	12.68	9.93	63.31	89.52	35.51	37.5	28.69	28.69
Ratio	1	1	1	1	1.29	0.78	0.99	1.01	0.94	1.06		
CV	1.53	4.63	2.54	7.63	10.5	11.63	2.75	5.6	4.78	8.7	5.36	5.36

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						
Mean	363.6	347.2	3.42	3.28	22.07	16.98	-63.7	-68.91	0.05	-0.06	108.43	107.43
Median	361.3	348.2	3.43	3.29	22.08	17.15	-63.92	-69.45	0.05	-0.06	107.87	107.21
Std	15.9	17.9	0.15	0.13	1.52	1.61	2.9	3.84	0.01	0.01	2.61	1.9
Iqr	20.1	18	0.18	0.17	2.21	2.05	3.43	3.99	0.02	0.02	3.2	2.17
Min	318.1	281.4	2.81	2.9	17.74	12.79	-72.24	-78.71	0.01	-0.09	104.38	104.17
Max	417.9	414.2	3.8	3.53	25.19	20.95	-53.6	-52.88	0.09	-0.03	115.95	117.38
Ratio	1	1	1.04	0.96	1.3	0.77	0.92	1.08	-0.82	-1.22	1.01	0.99
CV	4.4	5.2			6.91	9.5	-4.56	-5.57			2.41	1.77

Clearance								
	Max. heel	Max. toe 1	Min. toe	Max toe 2				
	Unit	m	m	m	m			
	Side	L	R	L	R	L	R	
Mean	0.26	0.27	0.06	0.06	0.03	0.04	0.13	0.11
Median	0.26	0.27	0.06	0.06	0.03	0.04	0.13	0.11
Std	0.01	0.01	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	0.01	0.01
Min	0.23	0.21	0.04	0.04	0.01	0.01	0.11	0.09
Max	0.28	0.3	0.08	0.09	0.05	0.05	0.16	0.13
Ratio	0.97	1.03	0.91	1.09	0.83	1.2	1.16	0.86
CV								

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