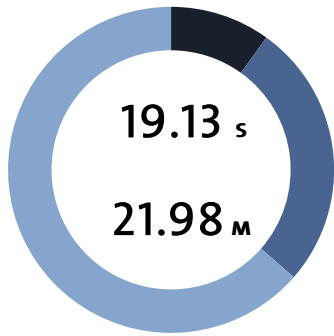


PATIENT NAME: JANE DOE - 03/11/2017

AGE/GENDER: 65 YEARS OLD/F
REMARKS: 20M WALK TEST - -



	ANALYZED # / TOTAL #	ANALYZED / TOTAL TIME [s]
● INIT & TERM	2 / 2	1.90 / 1.90
● TURNS	5 / 5	5.07 / 5.07
● FORWARD	12 / 12	12.16 / 12.16
TOTAL CAPTURED CYCLES	19 / 19	19.13 / 19.13

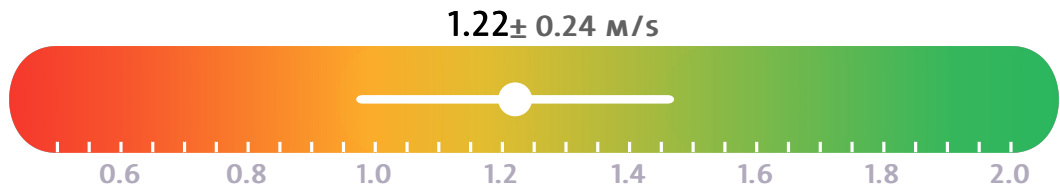
FILES
1LF442.BIN - 1RF443.BIN

FIRMWARE VERSION: 1.0.5

SHOESIZE: 24 CM



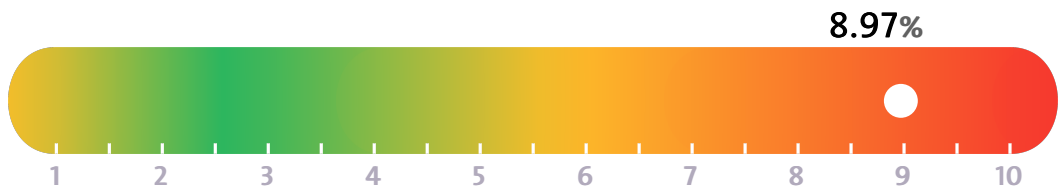
SPEED



COLOR BASED ON REFERENCE STUDY BY STUDENSKI ET AL.



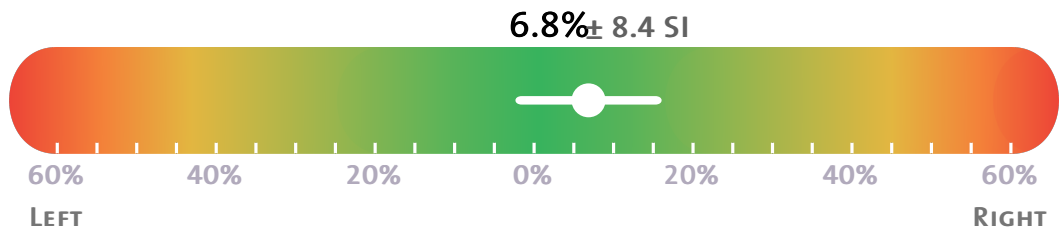
VARIABILITY



COLOR BASED ON REFERENCE STUDY BY HAUSDORFF ET AL.



ASYMMETRY



COLOR BASED ON REFERENCE STUDY BY PATTERSON ET AL.

GAIT ANALYSIS REPORT

GENERAL										
	Parameter: Cycle duration		Cadence		Stride length		Stride velocity		Turning angle	
	unit	seconds	steps/minute	meters	meters/s	degree	left	right	left	right
side	left	right	left	right	left	right	left	right	left	right
Mean	0.957	0.945	125.74	128.25	1.208	1.157	1.280	1.220	-13.3	-13.8
Median	0.940	0.940	127.66	127.66	1.249	1.248	1.332	1.320	0.5	0.5
SD	0.053	0.085	6.92	14.73	0.108	0.229	0.138	0.239	32.7	32.6
IQR	0.076	0.039	9.77	5.20	0.114	0.125	0.174	0.293	7.2	12.0
Min	0.850	0.650	114.29	109.09	0.936	0.446	0.941	0.546	-107.0	-129.8
Max	1.050	1.100	141.18	184.62	1.330	1.352	1.446	1.455	4.4	3.2
Ratio	1.013	0.987	0.98	1.02	1.044	0.958	1.049	0.953	1.0	1.0
CV[%]	5.538	8.972	5.51	11.49	8.963	19.777	10.745	19.563		

TEMPORAL												
	Parameter: Stance		Swing		Loading		Foot-Flat		Pushing		Double support	
	unit	% of cycle duration	% of gait cycle	% of stance	% of stance	% of stance	% of cycle duration	left	right	left	right	
side	left	right	left	right	left	right	left	right	left	right	left	right
Mean	59.11	61.84	40.89	38.16	12.90	14.29	50.58	49.64	36.52	36.07	20.76	20.76
Median	59.79	61.27	40.21	38.73	13.48	15.35	47.83	47.21	37.96	36.96	20.77	20.77
SD	2.57	2.01	2.57	2.01	2.55	2.93	5.03	4.81	3.78	2.37	1.82	1.82
IQR	1.17	2.27	1.17	2.27	4.16	2.27	6.93	5.65	4.54	3.87	2.09	2.09
Min	51.90	59.39	38.69	33.68	8.20	6.90	44.14	44.55	27.52	32.03	16.58	16.58
Max	61.31	66.32	48.10	40.61	16.22	17.27	59.63	60.69	40.35	38.84	24.14	24.14
Ratio	0.96	1.05	1.07	0.93	0.90	1.11	1.02	0.98	1.01	0.99		
CV[%]	4.34	3.25	6.28	5.27	19.75	20.48	9.95	9.69	10.36	6.58	8.74	8.74

SPATIAL												
	Parameter: Peak ang. velocity		Swing speed		Strike angle		Lift-off Angle		Swing width		3D Path length	
	unit	degree/s	meters/s	degree	degree	meters	% of stride length	left	right	left	right	
side	left	right	left	right	left	right	left	right	left	right	left	right
Mean	452.2	486.5	4.081	3.993	24.19	27.61	-78.70	-74.09	0.065	-0.015	107.09	105.95
Median	459.7	503.0	4.154	4.224	24.81	29.49	-79.47	-77.84	0.034	-0.031	104.91	104.79
SD	26.5	50.9	0.329	0.581	2.60	5.22	4.57	13.18	0.080	0.044	5.74	4.33
IQR	36.5	60.2	0.349	0.490	2.24	2.57	4.85	5.12	0.024	0.014	1.23	0.75
Min	397.9	335.2	3.135	2.001	16.38	10.48	-83.10	-81.98	-0.020	-0.055	103.77	104.04
Max	483.6	536.5	4.368	4.536	26.98	32.04	-65.50	-24.90	0.272	0.113	121.84	123.57
Ratio	0.9	1.1	1.022	0.978	0.88	1.14	1.06	0.94	-4.325	-0.231	1.01	0.99
CV[%]	5.9	10.5			10.75	18.91	-5.81	-17.79			5.36	4.09

CLEARANCE								
	Parameter: Max. heel		Max. toe 1		Min. Toe		Max. toe 2	
	unit	meters	meters	meters	meters	left	right	
side	left	right	left	right	left	right	left	right
Mean	0.251	0.234	0.058	0.053	0.020	0.028	0.155	0.165
Median	0.255	0.244	0.057	0.052	0.019	0.028	0.158	0.177
SD	0.015	0.039	0.010	0.007	0.006	0.006	0.013	0.034
IQR	0.014	0.007	0.013	0.009	0.007	0.006	0.012	0.026
Min	0.214	0.088	0.036	0.042	0.011	0.019	0.116	0.054
Max	0.272	0.274	0.078	0.074	0.031	0.044	0.173	0.194
Ratio	1.075	0.930	1.106	0.904	0.713	1.402	0.938	1.066
CV[%]								