

TREADMILL RUNNING STRIDE ANALYSIS

Patient

Last name:

First name:

Birth date:

Gender:

Test data

Patient's weight [lb]:

163

Time effective:

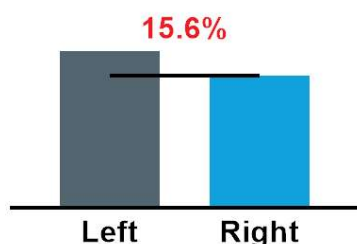
01:13.82

Treadmill speed [mph]:

7.000

FLIGHT TIME

Asymmetry [L-R]% ●



Left Variability



Right Variability

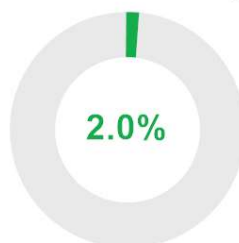


CONTACT TIME

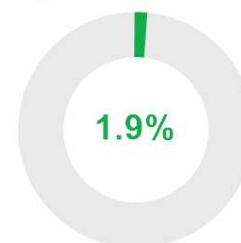
Asymmetry [L-R]% ●



Left Variability

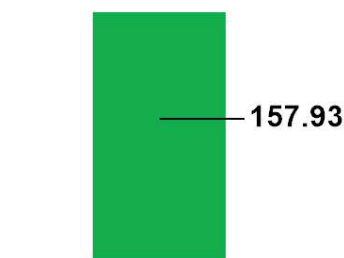


Right Variability

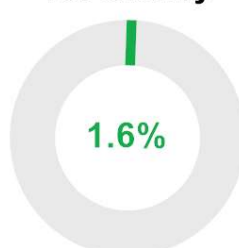


CADENCE [STEP/MIN]

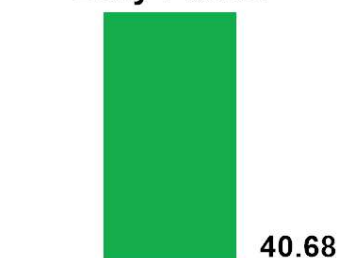
●



Variability

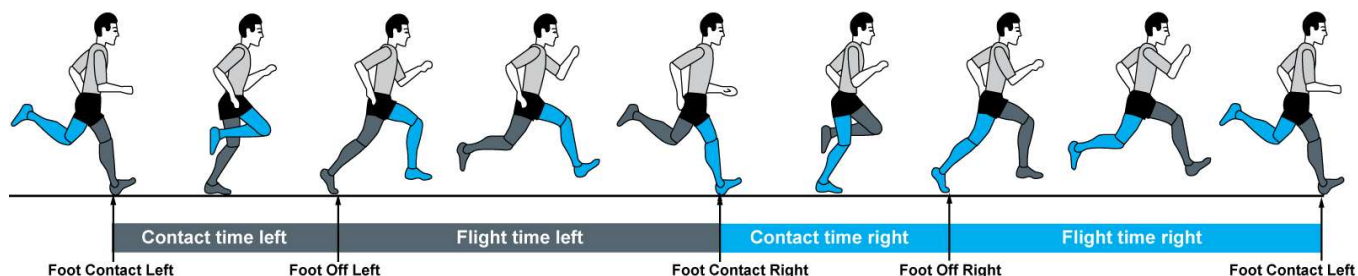


Duty Factor ●

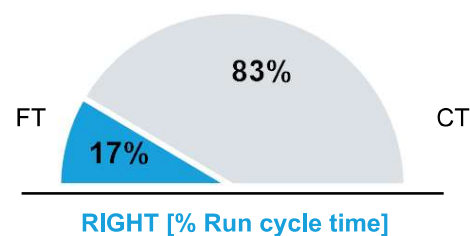
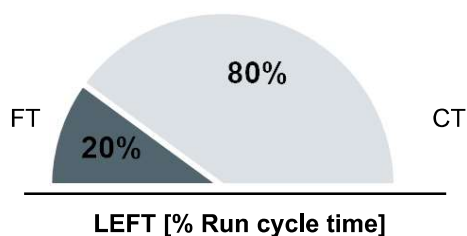


TREADMILL RUNNING STRIDE ANALYSIS

TEMPORAL PARAMETERS - FLIGHT AND CONTACT TIMES

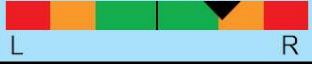
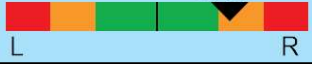


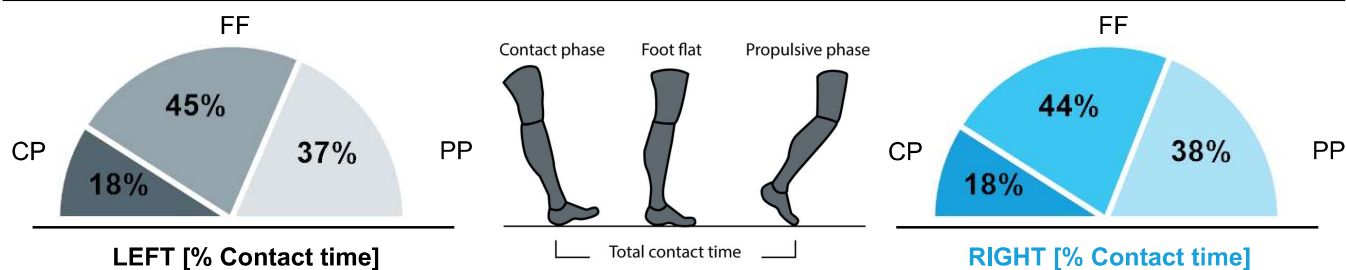
		AVERAGE $\pm$ SD	VARIABILITY	ASYMMETRY [L - R]%
Flight time [s]	L	0.077 $\pm$ 0.006	7.8%*	15.6% L R
	R	0.065 $\pm$ 0.008	12.3%*	
Contact time [s]	L	0.303 $\pm$ 0.006	2.0%	4.0% L R
	R	0.315 $\pm$ 0.006	1.9%	
Duty Factor	L	39.9 $\pm$ 0.9	2.15%	4.0% L R
	R	41.5 $\pm$ 0.9	2.18%	
Cadence [step/min]		157.93 $\pm$ 2.51	1.6%	



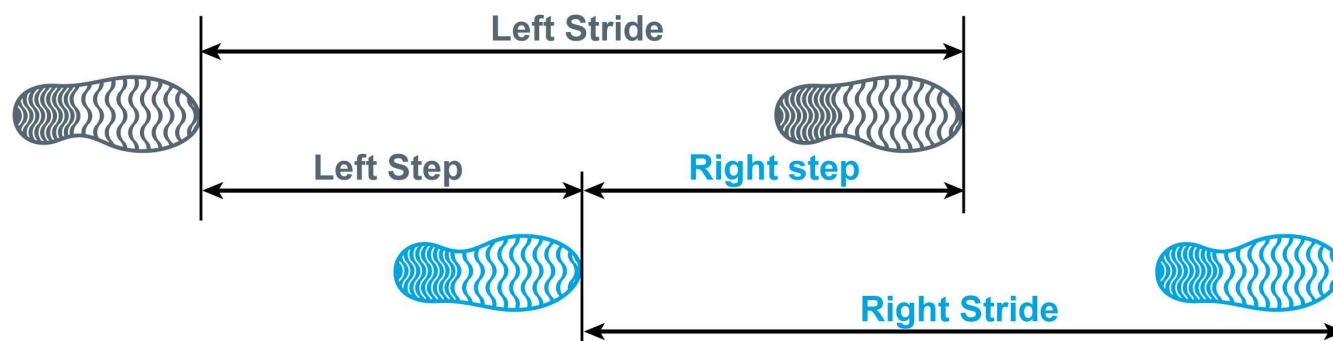
TREADMILL RUNNING STRIDE ANALYSIS

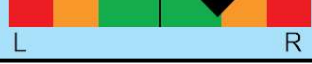
TEMPORAL PARAMETERS - CONTACT SUBPHASES

		AVERAGE $\pm$ SD	VARIABILITY	ASYMMETRY [L - R]%
Contact Phase [s]	L	0.054 $\pm$ 0.007	13.0%*	
	R	0.057 $\pm$ 0.008	14.0%*	
Foot flat [s]	L	0.136 $\pm$ 0.012	8.8%*	
	R	0.138 $\pm$ 0.014	10.1%*	
Propulsive Phase [s]	L	0.113 $\pm$ 0.008	7.1%*	
	R	0.121 $\pm$ 0.008	6.6%*	



SPATIAL PARAMETERS



		AVERAGE $\pm$ SD	VARIABILITY	ASYMMETRY [L - R]%
Step length [in]	L	3' 09.9" $\pm$ 0.6"	1.3%	
	R	3' 11.9" $\pm$ 0.5"	1.1%	
Stride length [in]		7' 09.8" $\pm$ 0.9"	0.9%	