

Myopressure Running Report

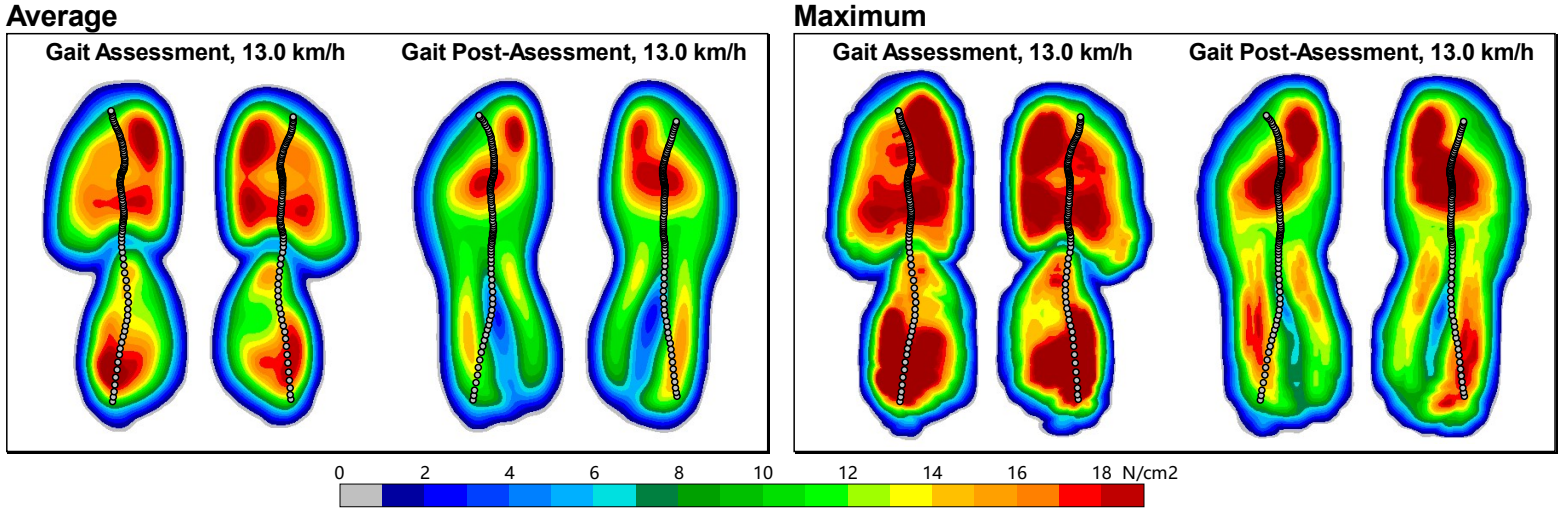


Comments

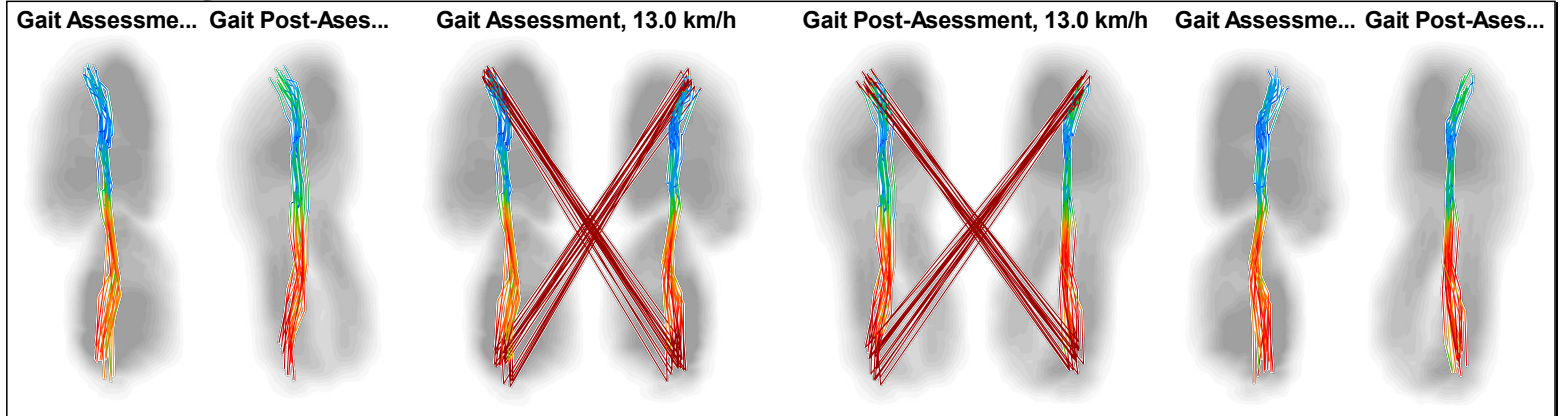
Report: Bilateral shin splints L>R
 Pressure Plot: decreased red in pressure plot and patient was pushing through big toe



Pressure Prints



COP Diagram



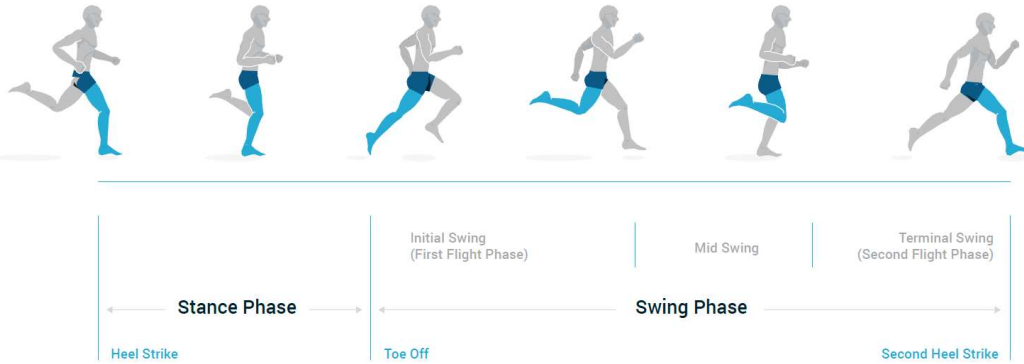
COP Parameters

Length of gait line, mm	Left	Gait Assessment, 13.0 km/h	272±16 (5.8%)	
		Gait Post-Assessment, 13.0 km/h	266±16 (6.0%)	
		Diff, %	-2.1	
	Right	Gait Assessment, 13.0 km/h	264±10 (3.8%)	
		Gait Post-Assessment, 13.0 km/h	257±15 (5.9%)	
		Diff, %	-2.7	
Single Support Line, mm	Left	Gait Assessment, 13.0 km/h	272±16 (5.8%)	
		Gait Post-Assessment, 13.0 km/h	266±16 (6.0%)	
		Diff, %	-2.1	
	Right	Gait Assessment, 13.0 km/h	264±11 (4.0%)	
		Gait Post-Assessment, 13.0 km/h	257±16 (6.3%)	
		Diff, %	-2.8	
Ant/Post Position, mm		Gait Assessment, 13.0 km/h	171±6 (3.8%)	
		Gait Post-Assessment, 13.0 km/h	172±5 (3.2%)	
Lateral Symmetry, mm		Gait Assessment, 13.0 km/h	1±5 (382.9%)	
		Gait Post-Assessment, 13.0 km/h	1±4 (318.1%)	



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Running Phase Parameters

Parameter	Side	Assessment	Value	Target	Diff
Stance Phase, %	Left	Gait Assessment, 13.0 km/h	35.8±1.2 (3.3%)	35.0	+0.8
		Gait Post-Assessment, 13.0 km/h	36.2±0.8 (2.3%)	35.0	+1.2
		Diff, %	1.1		
Stance Phase, %	Right	Gait Assessment, 13.0 km/h	34.9±1.2 (3.3%)	35.0	-0.1
		Gait Post-Assessment, 13.0 km/h	34.5±1.6 (4.7%)	35.0	-0.5
		Diff, %	-1.0		
Swing Phase, %	Left	Gait Assessment, 13.0 km/h	64.2±1.2 (1.9%)	64.0	+0.2
		Gait Post-Assessment, 13.0 km/h	63.8±0.8 (1.3%)	64.0	-0.2
		Diff, %	-0.6		
Swing Phase, %	Right	Gait Assessment, 13.0 km/h	65.1±1.2 (1.8%)	65.0	+0.1
		Gait Post-Assessment, 13.0 km/h	65.5±1.6 (2.5%)	65.0	+0.5
		Diff, %	0.5		
Initial Swing, %	Left	Gait Assessment, 13.0 km/h	14.9±1.6 (10.5%)	15.0	-0.1
		Gait Post-Assessment, 13.0 km/h	14.7±1.4 (9.7%)	15.0	-0.3
		Diff, %	-0.9		
Initial Swing, %	Right	Gait Assessment, 13.0 km/h	14.4±1.2 (8.2%)	14.5	-0.1
		Gait Post-Assessment, 13.0 km/h	14.6±1.4 (9.5%)	14.5	+0.1
		Diff, %	1.3		
Mid swing, %	Left	Gait Assessment, 13.0 km/h	35.0±1.2 (3.4%)	35.0	0.0
		Gait Post-Assessment, 13.0 km/h	34.6±1.8 (5.3%)	35.0	-0.4
		Diff, %	-1.2		
Mid swing, %	Right	Gait Assessment, 13.0 km/h	35.8±1.6 (4.6%)	35.0	+0.8
		Gait Post-Assessment, 13.0 km/h	36.2±1.2 (3.4%)	35.0	+1.2
		Diff, %	1.1		
Terminal Swing, %	Left	Gait Assessment, 13.0 km/h	14.4±1.2 (8.3%)	14.5	-0.1
		Gait Post-Assessment, 13.0 km/h	14.5±1.4 (9.3%)	14.5	0.0
		Diff, %	1.1		
Terminal Swing, %	Right	Gait Assessment, 13.0 km/h	14.8±1.4 (9.3%)	14.5	+0.3
		Gait Post-Assessment, 13.0 km/h	14.7±1.3 (8.8%)	14.5	+0.2
		Diff, %	-0.9		
Stance Duration, ms	Left	Gait Assessment, 13.0 km/h	272±10 (3.6%)	272	0
		Gait Post-Assessment, 13.0 km/h	272±10 (3.6%)	272	0
		Diff, %	0.1		
Stance Duration, ms	Right	Gait Assessment, 13.0 km/h	266±9 (3.4%)	266	0
		Gait Post-Assessment, 13.0 km/h	260±14 (5.4%)	266	-6
		Diff, %	-2.1		
Swing Duration, ms	Left	Gait Assessment, 13.0 km/h	488±12 (2.5%)	488	0
		Gait Post-Assessment, 13.0 km/h	480±0 (0.0%)	488	-8
		Diff, %	-1.7		
Swing Duration, ms	Right	Gait Assessment, 13.0 km/h	496±14 (2.9%)	496	0
		Gait Post-Assessment, 13.0 km/h	493±12 (2.4%)	496	-3
		Diff, %	-0.6		
Total Flight Duration, ms	Left	Gait Assessment, 13.0 km/h	222±17 (7.5%)	222	0
		Gait Post-Assessment, 13.0 km/h	220±15 (6.6%)	222	-2
		Diff, %	-1.1		

Running Spatial Parameters

Parameter	Side	Assessment	Value	Target	Diff
Foot Rotation, deg	Left	Gait Assessment, 13.0 km/h	4.7±1.7 (36.8%)	4.0	+0.7
		Gait Post-Assessment, 13.0 km/h	4.6±2.0 (43.0%)	4.0	+0.6
		Diff, %	1.1		
Foot Rotation, deg	Right	Gait Assessment, 13.0 km/h	5.3±2.3 (43.0%)	5.0	+0.3
		Gait Post-Assessment, 13.0 km/h	5.7±1.4 (24.4%)	5.0	+0.7
		Diff, %	-0.4		
Step Length, cm	Left	Gait Assessment, 13.0 km/h	136±2 (1.8%)	136	0
		Gait Post-Assessment, 13.0 km/h	135±3 (2.5%)	136	-1
		Diff, %	-0.9		
Step Length, cm	Right	Gait Assessment, 13.0 km/h	138±3 (2.3%)	138	0
		Gait Post-Assessment, 13.0 km/h	137±2 (1.7%)	138	-1
		Diff, %	-0.5		
Stride Length, cm	Left	Gait Assessment, 13.0 km/h	273±4 (1.6%)	273	0
		Gait Post-Assessment, 13.0 km/h	272±4 (1.5%)	273	-1
		Diff, %	-0.7		
Step Width, cm	Left	Gait Assessment, 13.0 km/h	4±2 (47.4%)	4	0
		Gait Post-Assessment, 13.0 km/h	5±2 (46.8%)	4	+1
		Diff, %	17.0		



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Running Spatial Parameters

Velocity, km/h	Gait Assessment, 13.0 km/h	13.0±0.2 (1.4%)	
	Gait Post-Assessment, 13.0 km/h	13.0±0.2 (1.7%)	
	Diff, %	0.4	

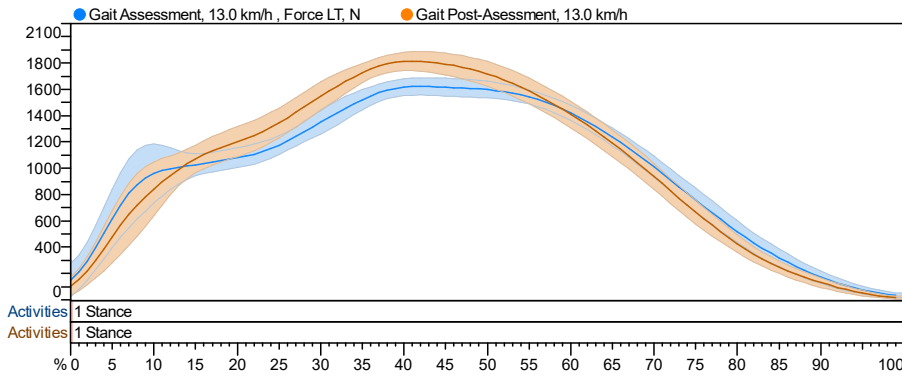
Running Time Parameters

Step Time, ms	Left	Gait Assessment, 13.0 km/h	375±13 (3.4%)	
		Gait Post-Assessment, 13.0 km/h	370±10 (2.7%)	
		Diff, %	-1.5	
Stride Time, ms	Right	Gait Assessment, 13.0 km/h	385±11 (2.9%)	
		Gait Post-Assessment, 13.0 km/h	383±10 (2.6%)	
		Diff, %	-0.7	
Cadence, step/min		Gait Assessment, 13.0 km/h	761±13 (1.7%)	
		Gait Post-Assessment, 13.0 km/h	752±11 (1.5%)	
		Diff, %	-1.1	
Cadence, step/min		Gait Assessment, 13.0 km/h	158±3 (1.7%)	
		Gait Post-Assessment, 13.0 km/h	160±2 (1.5%)	
		Diff, %	1.1	

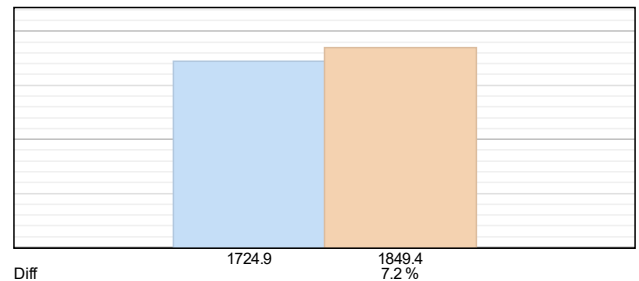
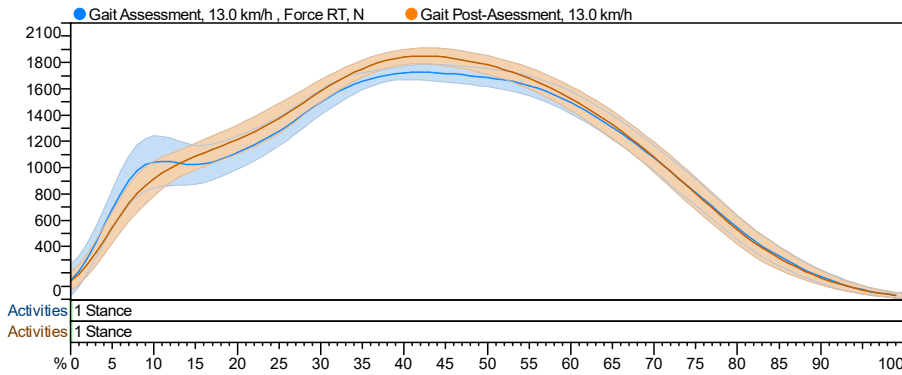
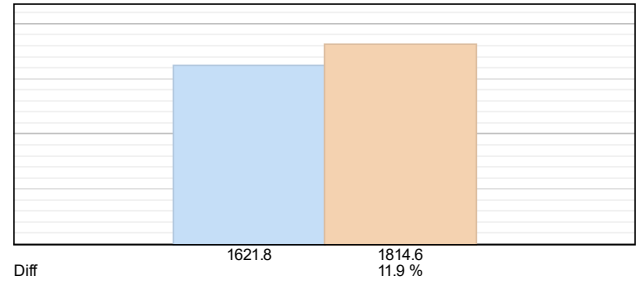
Comments

Force Curve: Single peak indicating improved loading

Stance Phase Left-Right Curve Comparison



Maximum



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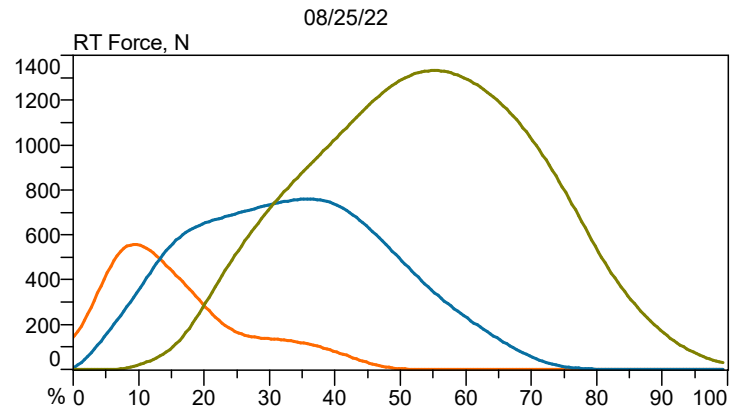
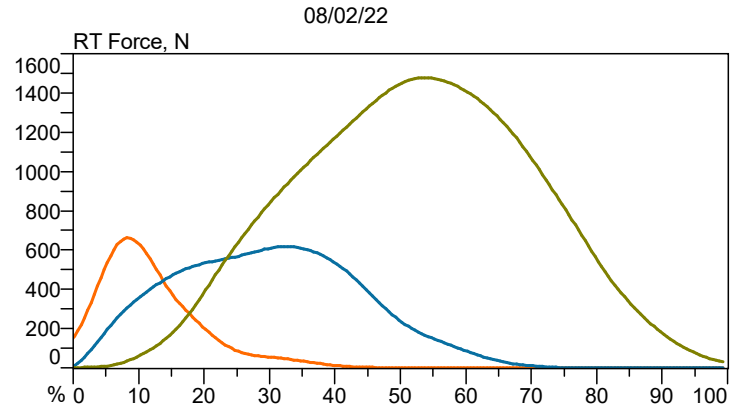
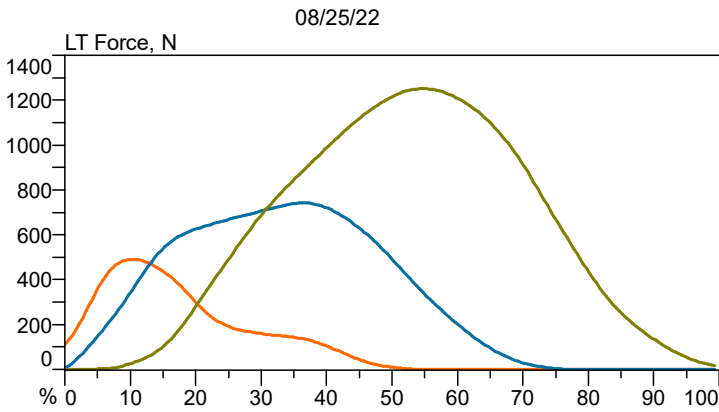
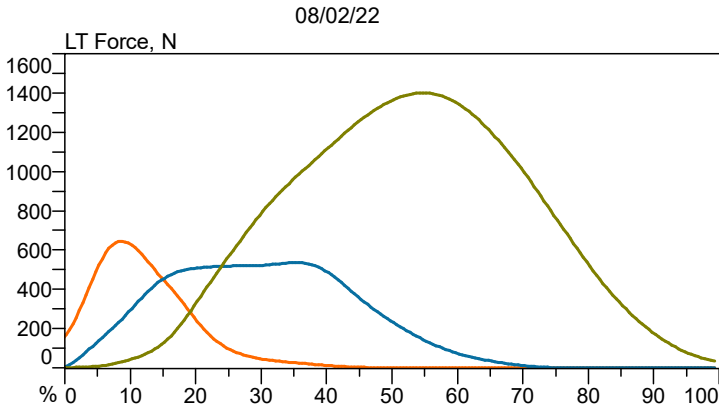
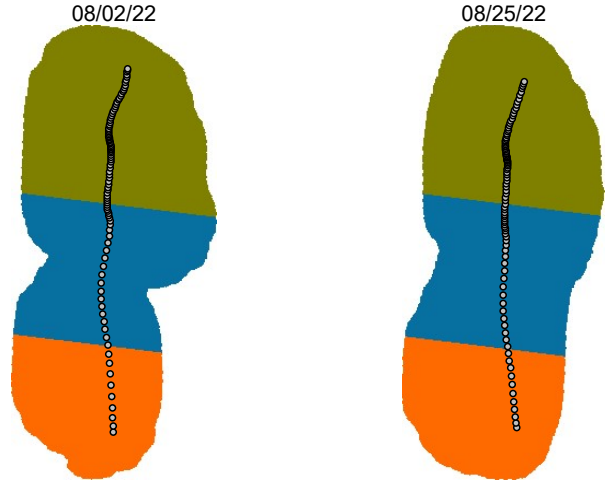
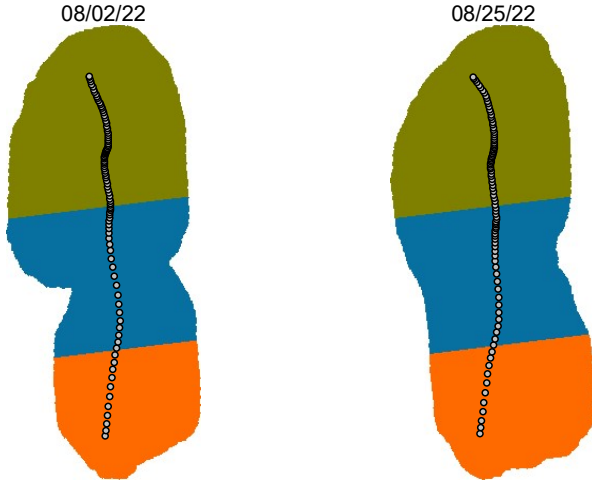


Comments

Max Force Forefoot (N): L: 1262.0 (11% improvement) R: 1334.3 (10% improvement)

Left Zones

Right Zones



Peak force, N	H	MF	F	08/02/22		08/25/22	
				Value	Bar	Value	Bar
Peak force, N	H			644.5	[Bar]	490.4	[Bar]
		MF		535.3	[Bar]	742.1	[Bar]
			F	1400.4	[Bar]	1251.0	[Bar]
Duration, %	H			44.0	[Bar]	52.0	[Bar]
		MF		72.5	[Bar]	74.5	[Bar]
			F	96.0	[Bar]	92.5	[Bar]
		H			44.0	52.0	
		MF			72.5	74.5	
		F			96.0	92.5	

Peak force, N	H	MF	F	08/02/22		08/25/22	
				Value	Bar	Value	Bar
Peak force, N	H			661.7	[Bar]	556.6	[Bar]
		MF		618.0	[Bar]	759.2	[Bar]
			F	1476.8	[Bar]	1331.8	[Bar]
Duration, %	H			43.5	[Bar]	49.5	[Bar]
		MF		72.0	[Bar]	77.0	[Bar]
			F	95.5	[Bar]	91.5	[Bar]
		H			43.5	49.5	
		MF			72.0	77.0	
		F			95.5	91.5	