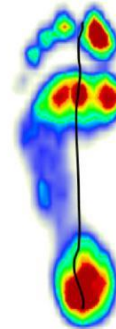
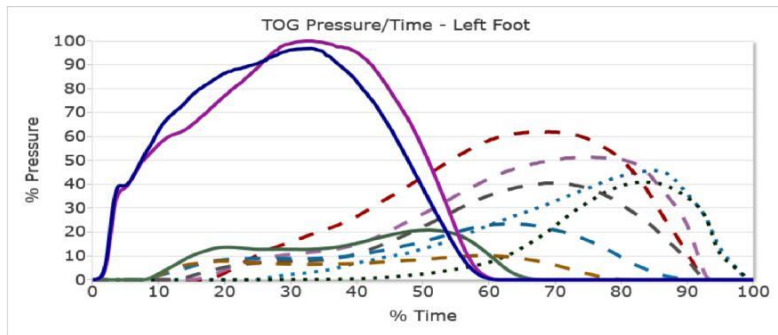


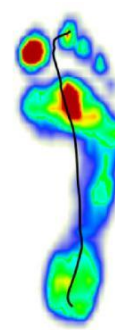
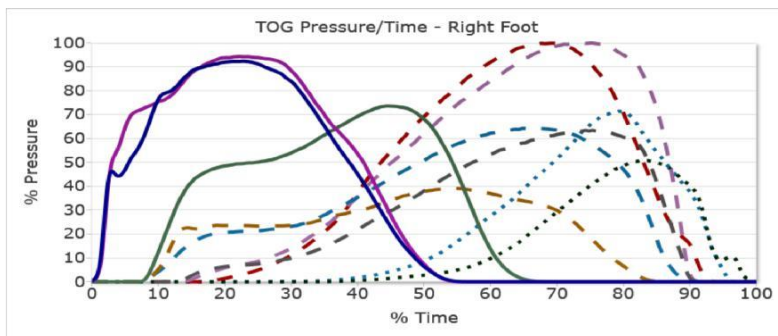
# Gait Analysis Report

LEFT



Early/Low	Optimal	Late/High	% Time								Optimal	Peak	Optimal	Impulse %
			Optimal	Start	Optimal	End	Optimal	Total	Optimal	Optimal				
Rearfoot	Medial Heel	0	0.4	50-65	59.8	50-65	58.1	15-22	32.3	45-55	51.0			
	Lateral Heel	0	0.0	50-65	59.4	50-65	58.1	15-22	33.2	45-55	49.0			
Forefoot	1st Metatarsal	13-25	18.3	73-96	92.6	60-83	74.2	50-78	68.1	13-21	33.9			
	2nd Metatarsal	10-20	16.6	80-95	93.4	70-85	76.9	60-75	75.5	14-24	27.5			
	3rd Metatarsal	8-16	14.0	85-93	92.6	77-85	78.6	59-74	68.6	15-23	20.2			
	4th Metatarsal	7-15	9.2	84-92	89.1	77-85	79.9	55-73	63.3	10-18	12.4			
	5th Metatarsal	5-15	8.7	65-87	78.6	60-82	69.9	50-77	59.0	4-11	6.1			
Gait Cycle	Heelstrike	0	0.0	5-15	8.7	5-15	8.7							
	Pre-Midstance	5-15	8.7	55-65	59.6	45-55	50.9							
	Midstance	10-20	18.3	55-65	59.6	42-52	41.3							
	Propulsion	50-65	59.6	100	100.0	35-45	40.4							

RIGHT



Early/Low	Optimal	Late/High	% Time								Optimal	Peak	Optimal	Impulse %
			Optimal	Start	Optimal	End	Optimal	Total	Optimal	Optimal				
Rearfoot	Medial Heel	0	0.0	50-65	52.2	50-65	51.2	15-22	22.2	45-55	51.6			
	Lateral Heel	0	0.0	50-65	52.2	50-65	51.2	15-22	22.7	45-55	48.4			
Forefoot	1st Metatarsal	13-25	21.3	73-96	92.3	60-83	71.0	50-78	69.1	13-21	25.0			
	2nd Metatarsal	10-20	15.5	80-95	90.8	70-85	75.4	60-75	75.4	14-24	26.3			
	3rd Metatarsal	8-16	14.0	85-93	90.3	77-85	76.3	59-74	75.4	15-23	16.6			
	4th Metatarsal	7-15	8.7	84-92	89.4	77-85	80.7	55-73	66.7	10-18	19.6			
	5th Metatarsal	5-15	8.7	65-87	83.6	60-82	74.9	50-77	54.6	4-11	12.5			
Gait Cycle	Heelstrike	0	0.0	5-15	8.7	5-15	8.7							
	Pre-Midstance	5-15	8.7	55-65	52.2	45-55	43.5							
	Midstance	10-20	21.3	55-65	52.2	42-52	30.9							
	Propulsion	50-65	52.2	100	100.0	35-45	47.8							

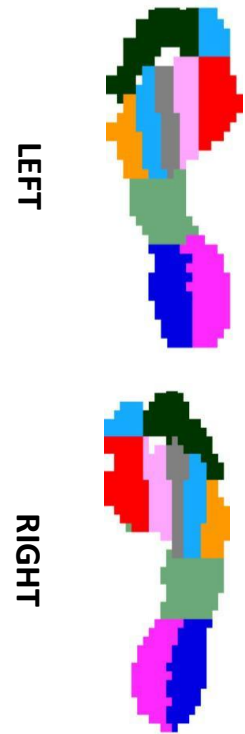
# Gait Analysis Report

## Left Foot Findings

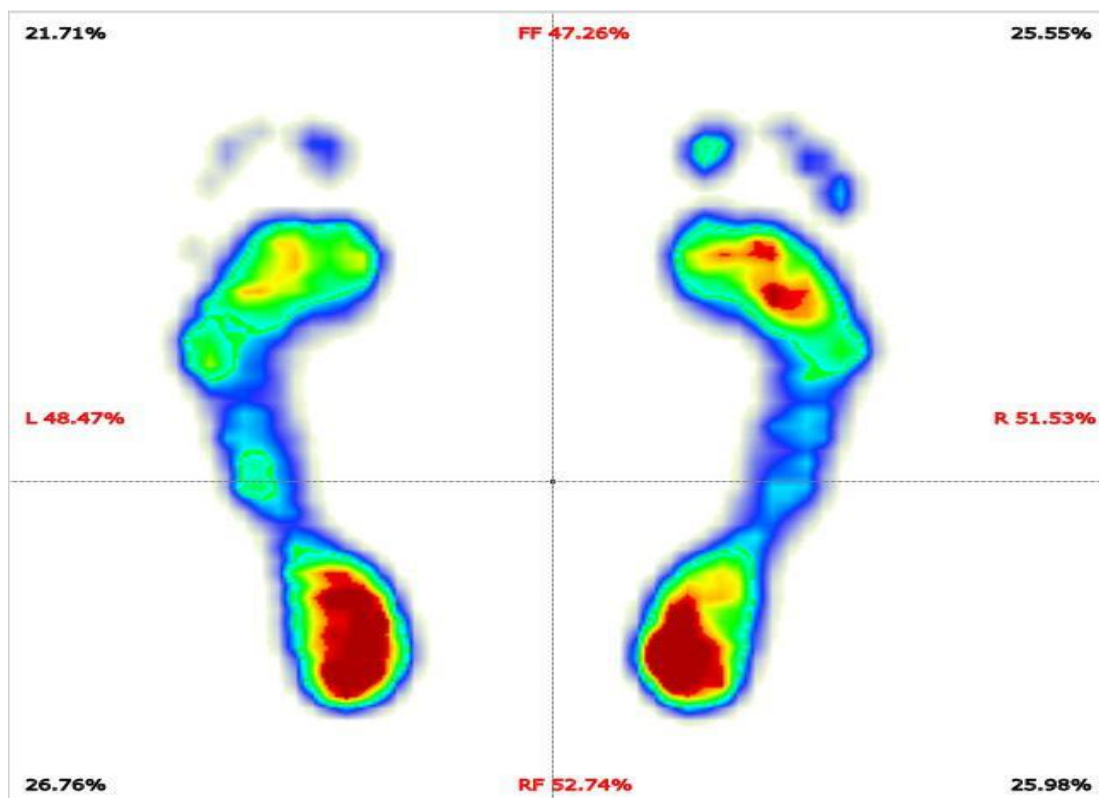
- ✓ Metatarsals contact the ground in the optimal landing sequence (M5, M4, M3, M2, M1)
- ✓ All metatarsals contact the ground at the correct time.
- ⚠ Metatarsals with late peak pressure (M2)
- ⚠ Metatarsal with high impulse/pressure (M1, M2)
- ✓ Optimal heel lift and propulsion phase
- ✓ Medial heel (MH) and lateral heel (LH) impulse/pressure are optimal
- ✓ Optimal midstance start time (when all metatarsals have contacted the ground)

## Right Foot Findings

- ✓ Metatarsals contact the ground in the optimal landing sequence (M5, M4, M3, M2, M1)
- ✓ All metatarsals contact the ground at the correct time.
- ⚠ Metatarsals with late peak pressure (M2, M3)
- ⚠ Metatarsal with high impulse/pressure (M1, M2, M4, M5)
- ✓ Optimal heel lift and propulsion phase
- ✓ Medial heel (MH) and lateral heel (LH) impulse/pressure are optimal
- ⚠ Late midstance start time (when all metatarsals have contacted the ground)

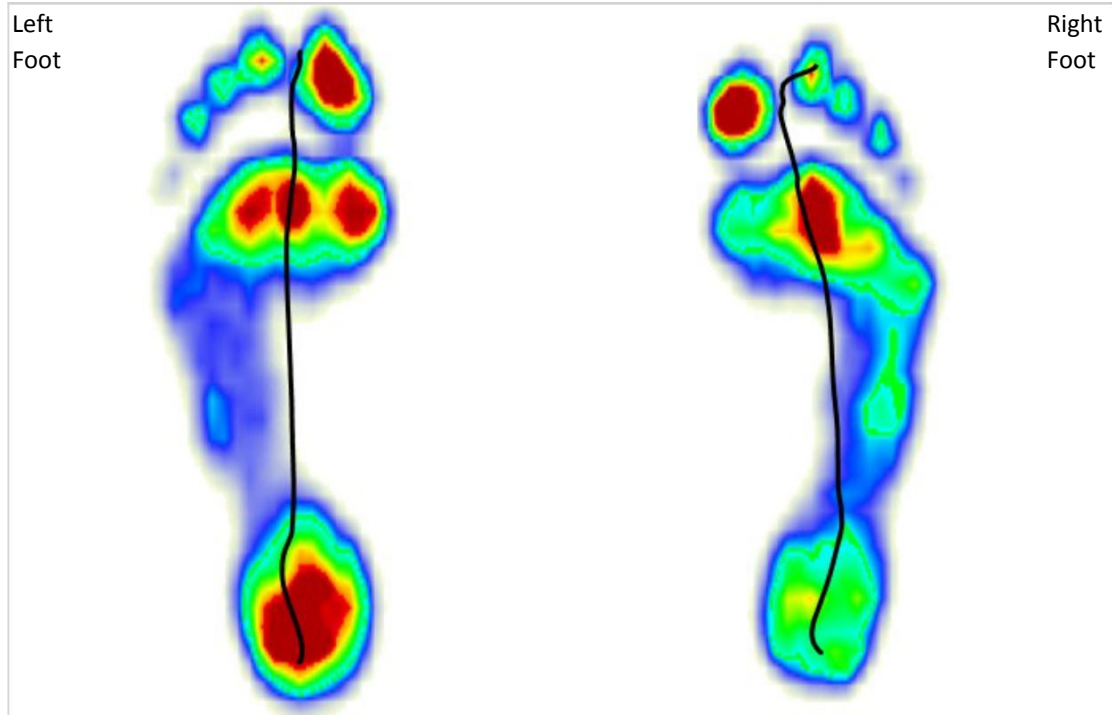


## Total Static Pressure



An evenly balanced body should have 50% in both left and right feet.

## Total Dynamic Pressure



Foot Orthotics are used to help the feet restore optimal timing and pressure patterns which aid in the treatment of biomechanical abnormalities.