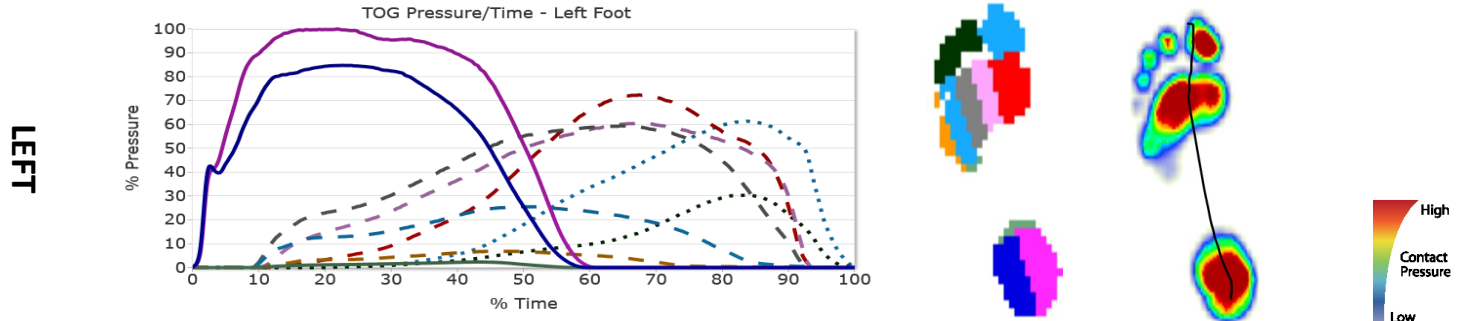
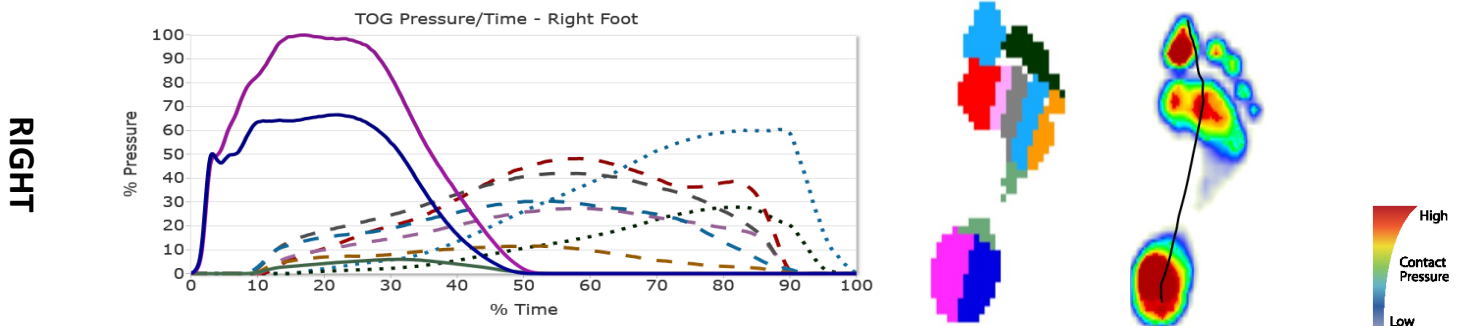


Patient Information				Practitioner Information			
Name:	John Smith	Age:	30	Name:	Electra Health	1017975	
Date of Birth:	6/24/1990	Weight:	180 lbs	Phone:	604-685-4325		
Gender:	Male			Street:	970 Burrard St.		
Shoe Size:	Men's -10.5			Address:	Vancouver, BRITISH COLUMBIA   V6Z 2R4   CANADA		
Scan Date:	10/30/2020 12:54 PM						



		% Time										
Early/Low	Optimal	Late/High	Optimal	Start	Optimal	End	Optimal	Total	Optimal	Peak	Optimal	Impulse %
Rearfoot	Medial Heel	0	0.0	50-65	59.3	50-65	58.5	15-22	22.0	45-55	56.4	
	Lateral Heel	0	0.0	50-65	57.3	50-65	56.5	15-22	22.8	45-55	43.6	
Forefoot	1st Metatarsal	13-25	15.0	73-96	93.1	60-83	78.0	50-78	67.5	13-21	26.8	
	2nd Metatarsal	10-20	11.0	80-95	93.1	70-85	82.1	60-75	67.1	14-24	29.2	
	3rd Metatarsal	8-16	9.8	85-93	92.3	77-85	82.5	59-74	65.4	15-23	29.8	
	4th Metatarsal	7-15	9.8	84-92	89.8	77-85	80.1	55-73	50.0	10-18	11.7	
	5th Metatarsal	5-15	11.0	65-87	84.1	60-82	73.2	50-77	45.5	4-11	2.5	
Gait Cycle	Heelstrike	0	0.0	5-15	9.8	5-15	9.8					
	Pre-Midstance	5-15	9.8	55-65	58.3	45-55	48.6					
	Midstance	10-20	15.0	55-65	58.3	42-52	43.3					
	Propulsion	50-65	58.3	100	100.0	35-45	41.7					



		% Time										
Early/Low	Optimal	Late/High	Optimal	Start	Optimal	End	Optimal	Total	Optimal	Peak	Optimal	Impulse %
Rearfoot	Medial Heel	0	0.0	50-65	50.4	50-65	49.6	15-22	16.7	45-55	59.8	
	Lateral Heel	0	0.0	50-65	48.3	50-65	47.5	15-22	22.1	45-55	40.2	
Forefoot	1st Metatarsal	13-25	11.7	73-96	90.0	60-83	78.3	50-78	58.3	13-21	28.7	
	2nd Metatarsal	10-20	10.4	80-95	90.4	70-85	80.0	60-75	58.3	14-24	17.5	
	3rd Metatarsal	8-16	9.2	85-93	89.6	77-85	80.4	59-74	56.7	15-23	27.4	
	4th Metatarsal	7-15	9.2	84-92	91.3	77-85	82.1	55-73	52.1	10-18	19.5	
	5th Metatarsal	5-15	10.0	65-87	89.6	60-82	79.6	50-77	52.5	4-11	6.9	
Gait Cycle	Heelstrike	0	0.0	5-15	9.2	5-15	9.2					
	Pre-Midstance	5-15	9.2	55-65	49.4	45-55	40.2					
	Midstance	10-20	11.7	55-65	49.4	42-52	37.7					
	Propulsion	50-65	49.4	100	100.0	35-45	50.6					

**Left Foot Findings**

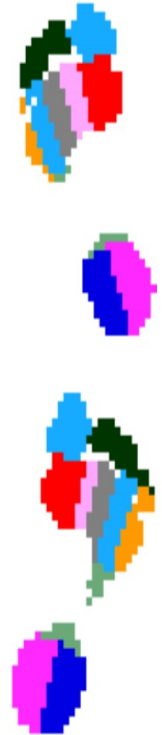
- ⚠ Metatarsals contact the ground in a less than optimal landing sequence ( M3, M4, M2, M5, M1 )
- ✓ All metatarsals contact the ground at the correct time.
- ⚠ Metatarsals with early peak pressure ( M4, M5 )
- ⚠ Metatarsal with low impulse/pressure ( M5 )
- ⚠ Metatarsal with high impulse/pressure ( M1, M2, M3 )
- ✓ Optimal heel lift and propulsion phase
- ⚠ High medial heel (MH) impulse/pressure
- ✓ Optimal midstance start time (when all metatarsals have contacted the ground)

**Right Foot Findings**

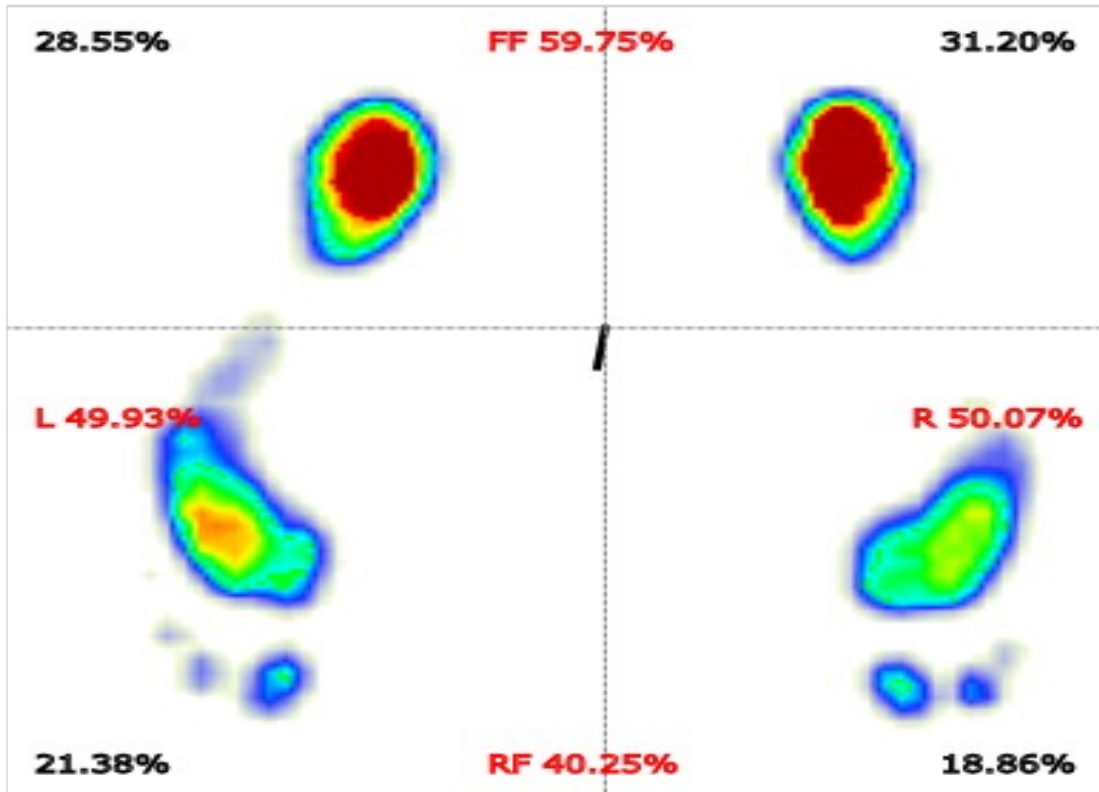
- ⚠ Metatarsals contact the ground in a less than optimal landing sequence ( M3, M4, M5, M2, M1 )
- ⚠ The following metatarsals contact the ground early ( M1 )
- ⚠ Metatarsals with early peak pressure ( M2, M3, M4 )
- ⚠ Metatarsal with high impulse/pressure ( M1, M3, M4 )
- ⚠ Early heel lift and prolonged propulsion phase
- ⚠ High medial heel (MH) impulse/pressure
- ✓ Optimal midstance start time (when all metatarsals have contacted the ground)

LEFT

RIGHT

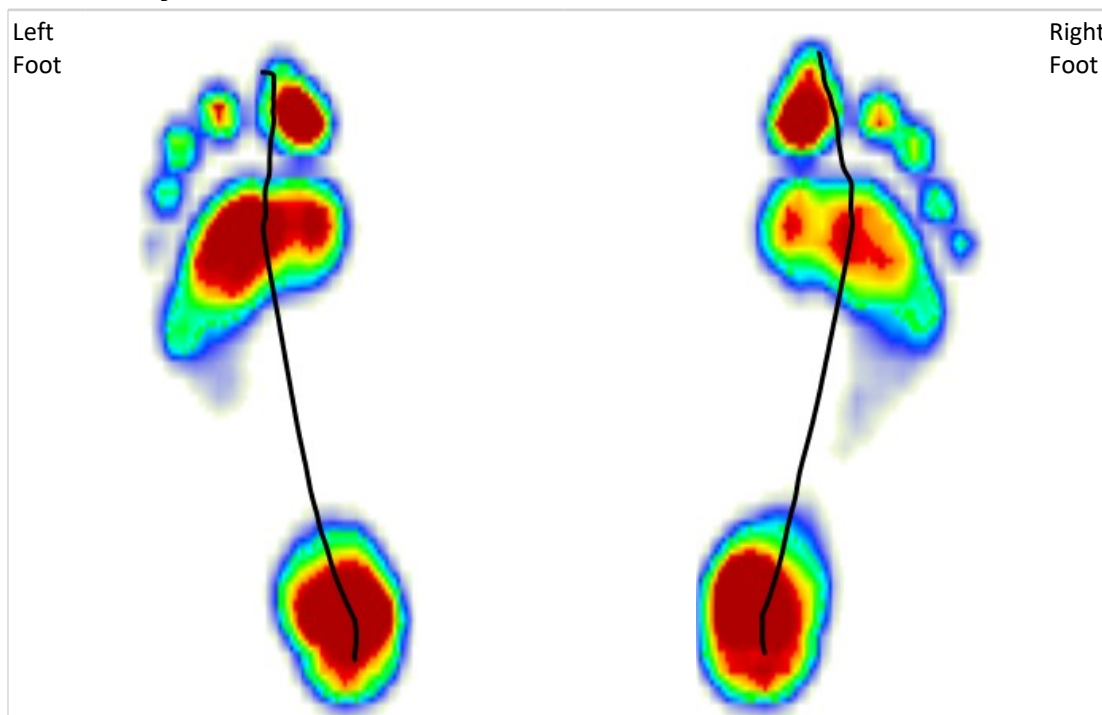


**Total Static Pressure**



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.