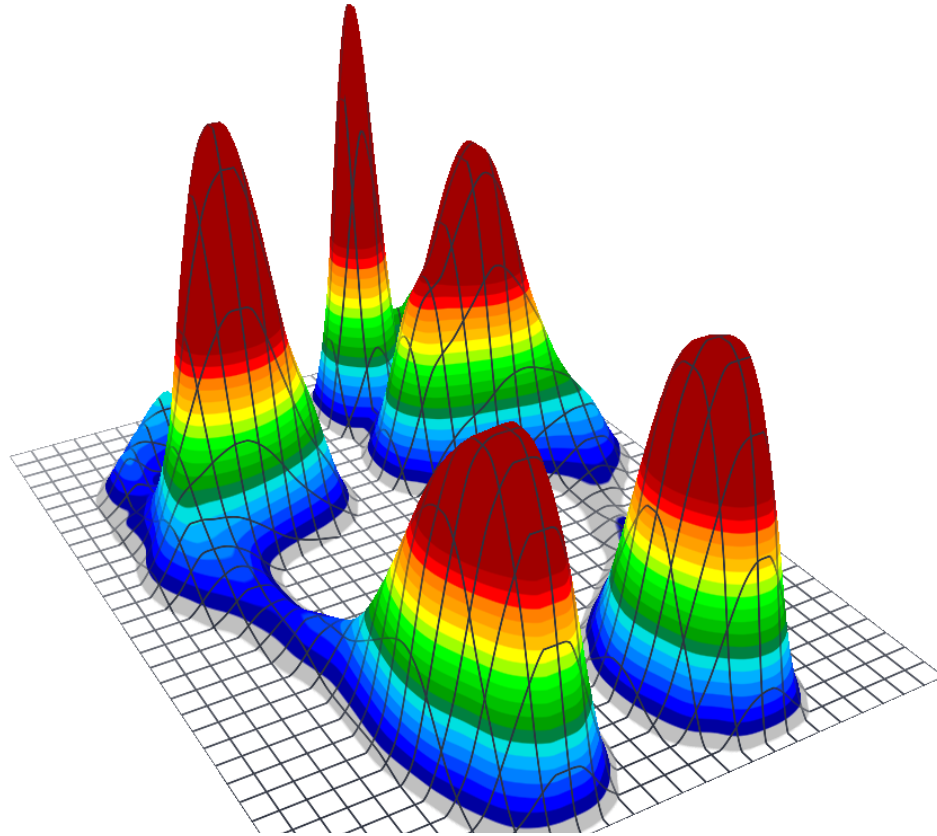


Pressure plot 3d

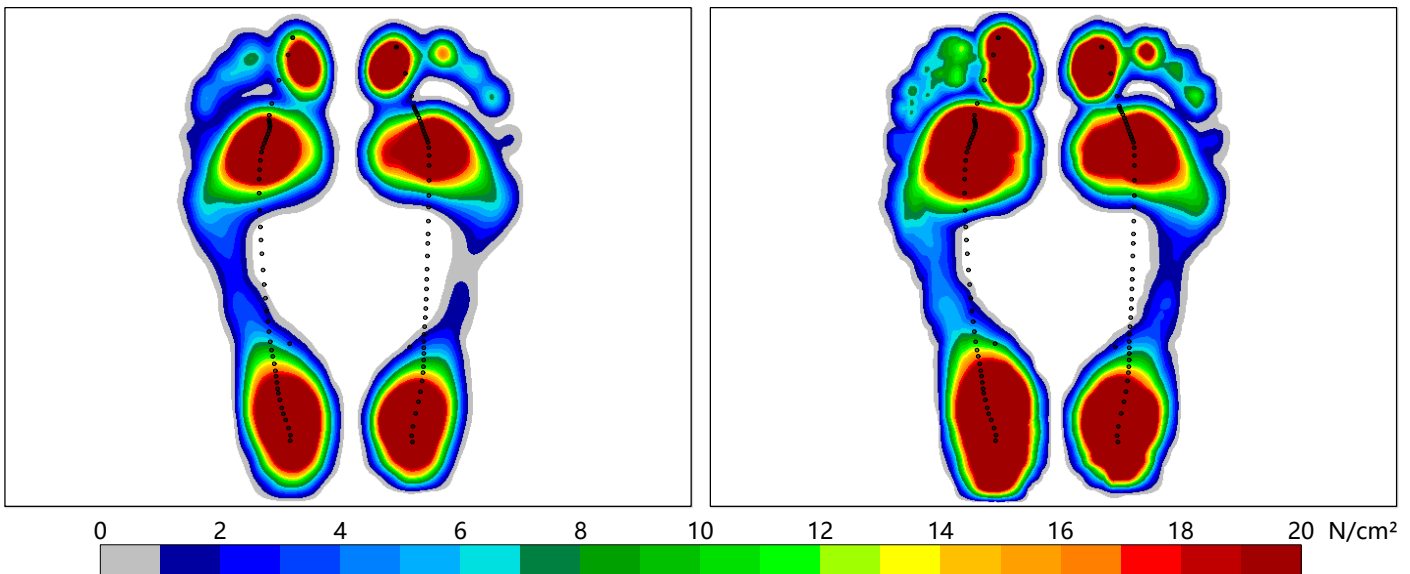
Stance, average



Pressure plots

Stance, average

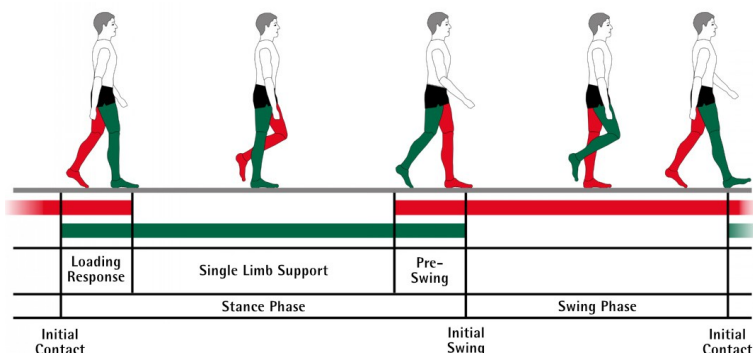
Stance, maximum




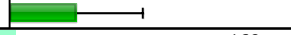
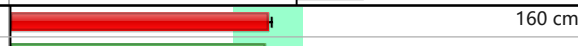



zebris Gait Report

Person: Nikola Stračárová, 21.12.1991
 Record: 16.10.2019 13:16, Gait Analysis FDM



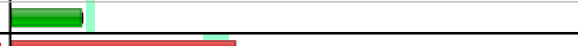

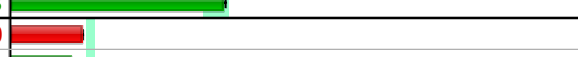
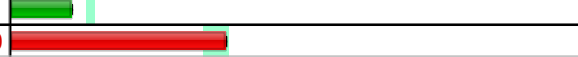
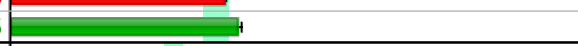




Gait parameters








Geometry

Foot rotation, degree	L	6,2±1,7	-9°	
	R	2,1±2,1		
Step length, cm	L	72±1		
	R	71±1		
Stride length, cm		143±0		
Step width, cm		8±5		

Phases

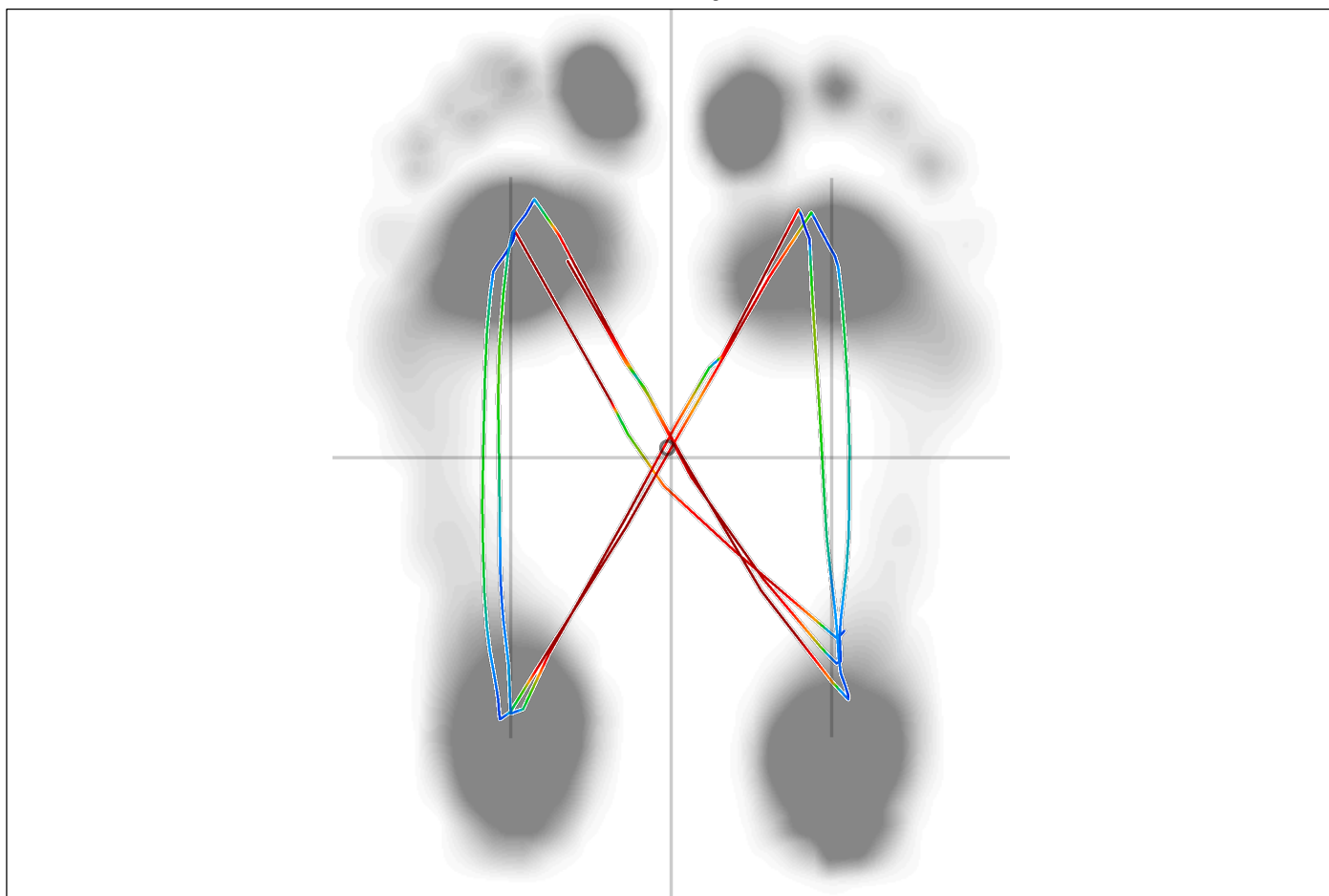
Stance phase, %	L	62,5±0,0		
	R	60,2±0,5		
Load response, %	L	10,7		
	R	12,4±0,1		
Single limb support, %	L	39,3		
	R	37,2±0,3		
Pre-Swing, %	L	12,5±0,0		
	R	10,6±0,1		
Swing phase, %	L	37,5±0,0		
	R	39,8±0,5		
Double stance phase, %		23,1±0,2		

Timing

Step time, sec	L	0,56±0,00		
	R	0,57±0,01		
Stride time, sec		1,13±0,01		
Cadence, steps/min		107±1		
Velocity, km/h		4,6±0,1		

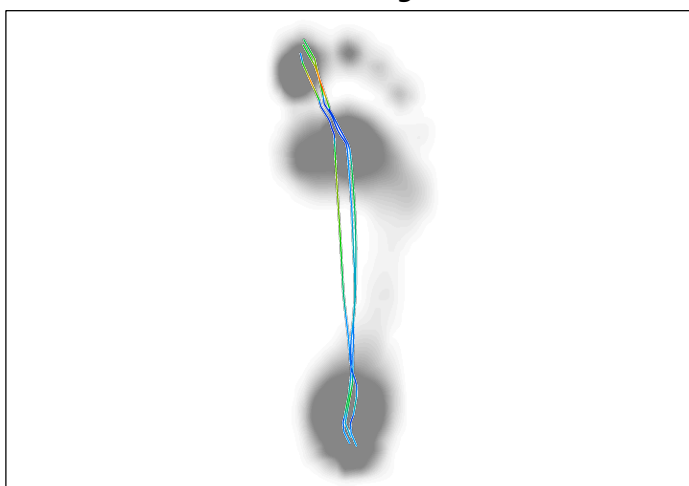
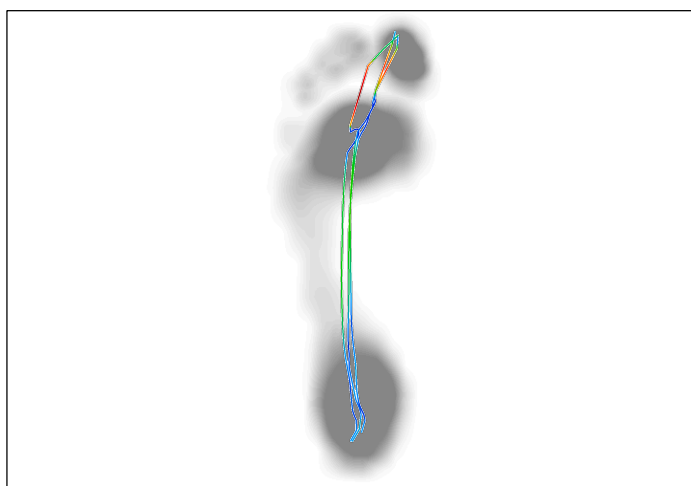
COP analysis

Butterfly










Gait line left

Gait line right



Butterfly parameters

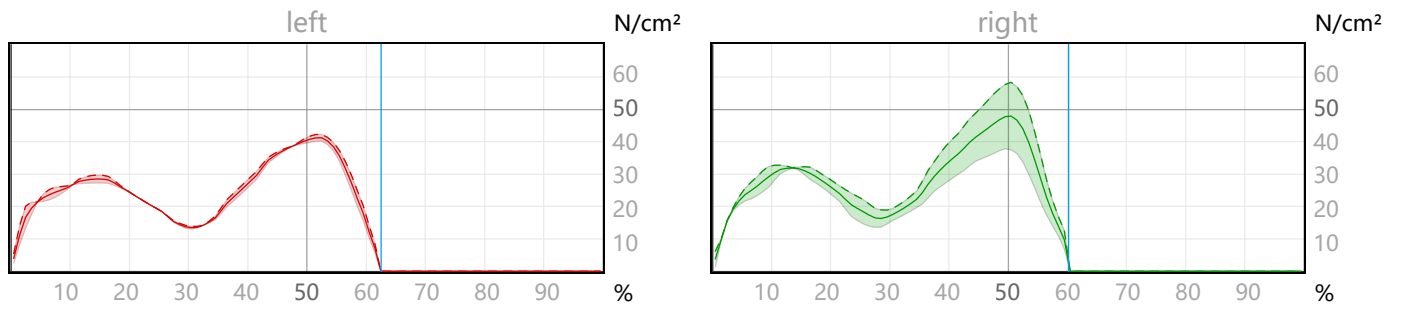
Length of gait line, mm	L	225,0±1,3	 240 mm
	R	220,9±1,0	
Single limb support line, mm	L	154,0	
	R	140,0±5,6	
Ant/post position, mm		3,0±4,8	 -120 mm 120 mm
Lateral symmetry, mm		-1,1±2,0	 -21 mm 21 mm
Max gait line velocity, cm/sec		131,2	

zebris Gait Report

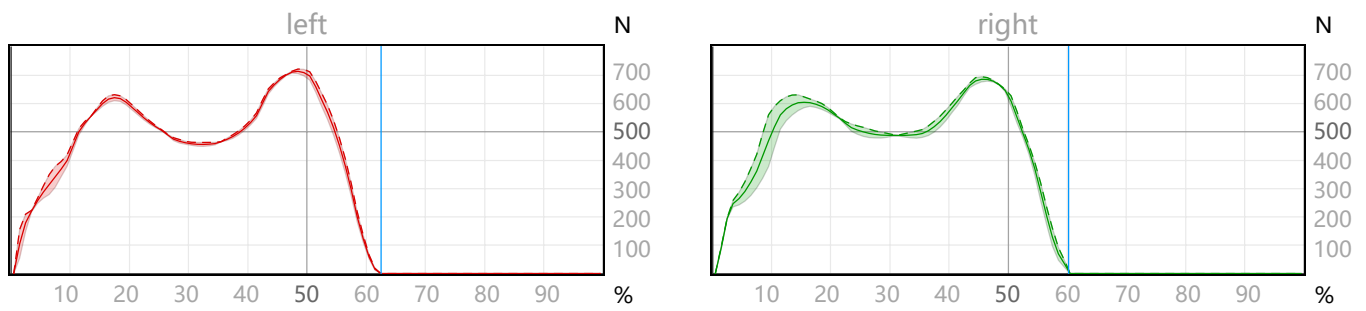
Person: Nikola Stračárová, 21.12.1991
Record: 16.10.2019 13:16, Gait Analysis FDM

Force and pressure

Pressure curves



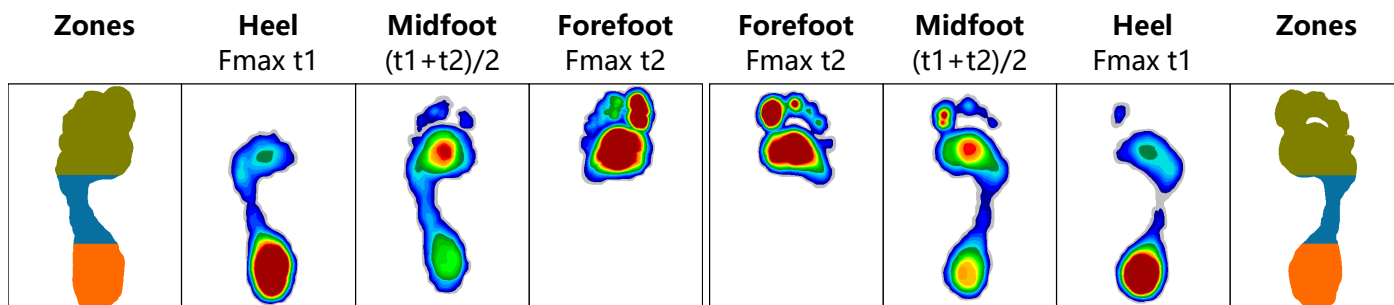
Force curves



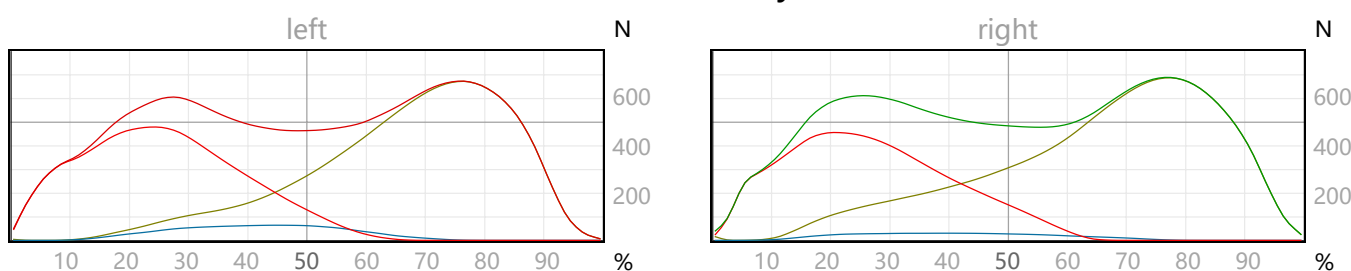
zebris Gait Report

Person: Nikola Stračárová, 21.12.1991
 Record: 16.10.2019 13:16, Gait Analysis FDM

Three foot zone analysis



Force overlay



Load change

Time change heel to forefoot, sec	L	0,30±0,03		0.4 sec
	R	0,28±0,03		
Time change heel to forefoot, %	L	42,5±4,3		100%
	R	39,8±4,6		

Maximum force, N

Forefoot	L	680,5±30,3		800 N
	R	693,0±12,8		
Midfoot	L	67,2±17,8		
	R	34,5±18,3		
Heel	L	483,9±30,4		
	R	465,4±29,4		

Maximum pressure, N/cm²

Forefoot	L	42,0±2,4		70 N/cm ²
	R	50,3±8,5		
Midfoot	L	10,4±2,4		
	R	6,5±1,2		
Heel	L	28,6±1,0		
	R	30,4±2,1		

Time maximum force, % of stance time

Forefoot	L	73,1±1,8		100%
	R	74,3±1,7		
Midfoot	L	44,6±5,1		
	R	29,8±9,8		
Heel	L	21,7±1,2		
	R	18,3±2,6		