



Single Leg Balance

The examiner says: "I am now going to assess your postural control with one leg. Place your foot on the middle of the platform. Then, I want you to balance on your foot and to place your hands on your hips. Attention, your non-carrying leg must be slightly flexed at the hip and knee. Finally, I would like you to stay as steady/immobile as possible and stare at the point in front of you for the duration of the test. Ready, set, go."

Repetitions 1

Rep Duration 30s

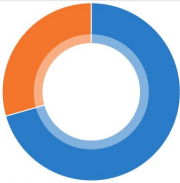
Preparation time 10s

Eyes Closed

Ellipse Area

Eyes Closed

Left  
801 mm<sup>2</sup>

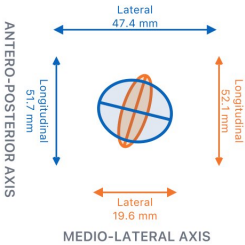


Right  
1922 mm<sup>2</sup>

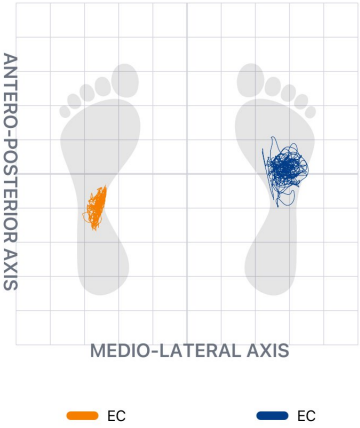
58.3% Asymmetry

Ellipse Area - Eyes Closed

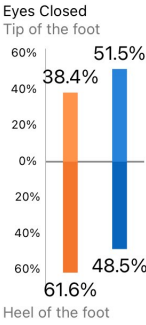
COP Ellipse



COP Mapping



Weight Distribution



Enable Advanced Parameters

Mean ± standard deviation of the different variables measured in the 1 tests for the left and right leg and the difference between the two ( results shown are globally and do not take into consideration the eyes being open or closed )

	Left	Right	% Difference
AP Mean Position (mm)	-34.0	4.51	-261
ML Mean Position (mm)	-4.40	12.7	412
AP Amplitude (mm)	45.7	71.2	43.6
ML Amplitude (mm)	26.6	51.3	63.4
AP Maximal Distance (mm)	57.1	37.5	41.4
ML Maximal Distance (mm)	21.3	40.0	61.0
Amplitude Ratio	0.582	0.721	15.4
AP Path Length (mm)	1488	1786	18.2
ML Path Length (mm)	730	2100	96.8
COP Path Length (mm)	1796	3055	51.9
AP Mean Velocity (mm/s)	49.4	59.3	18.2
ML Mean Velocity (mm/s)	24.2	69.7	96.9
COP Mean Velocity (mm/s)	59.6	101	51.9
Surface (mm²)	801	1922	82.4
AP Phase Plane	55.0	63.9	15.0
ML Phase Plane	25.7	68.2	90.5



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