

# Posturography report



Neurorehabilitation &  
Brain Research System

## Personal data

Report date: 17/10/2019 22:44:47

Name: RITA BIZERRA

Date of birth: 23/12/1959

Height(cm): 161

Weight(kg): 60

Gender:



☐ Visual impairments (visual acuity problems, cataracts, blindness, etc.)

☐ Vestibular impairments (Ménière syndrome, dizziness, etc.)

☐ Articular or proprioceptive impairment (arthropathy, prosthesis, arthritis, arthrosis, neuropathy, etc.)

☐ Cerebral pathology history (dementia or cognitive impairment, stroke, Parkinson's disease, etc.)

Description of the alteration:

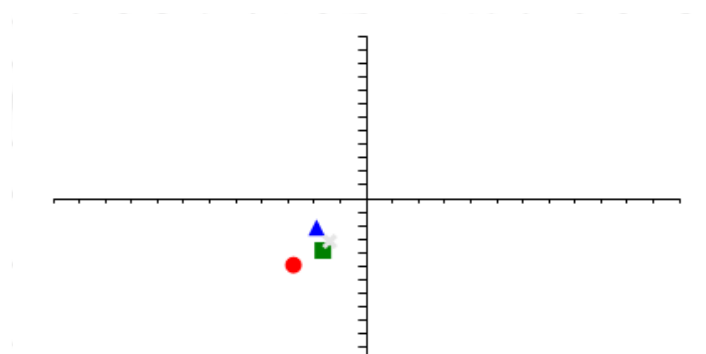
Nota:

Results (compared to healthy individuals from 50 to 59 years old). Healthy values: percentiles > 16

## Modified clinical test of sensory interaction and balance

	Repetitions	Maximum excursion in the anterior-posterior axis (cm)	Maximum excursion in the medial-lateral axis (cm)	Mean speed (cm/s)
 Romberg's test with eyes opened	3	2.39 (Percentile 9) <b>Altered</b>	2.18 (Percentile 0.9) <b>Very altered</b>	0.70 (Percentile 0.9) <b>Very altered</b>
 Romberg's test with eyes closed	3	2.89 (Percentile 34) <b>Not altered</b>	1.62 (Percentile 3) <b>Very altered</b>	0.72 (Percentile 8) <b>Altered</b>
 Romberg's test with eyes opened on foam	3	3.00 (Percentile 3) <b>Altered</b>	2.50 (Percentile 0.9) <b>Very altered</b>	0.72 (Percentile 0.9) <b>Very altered</b>
 Romberg's test with eyes closed on foam	3	3.38 (Percentile 60) <b>Not altered</b>	2.36 (Percentile 1) <b>Very altered</b>	0.84 (Percentile 13) <b>Altered</b>

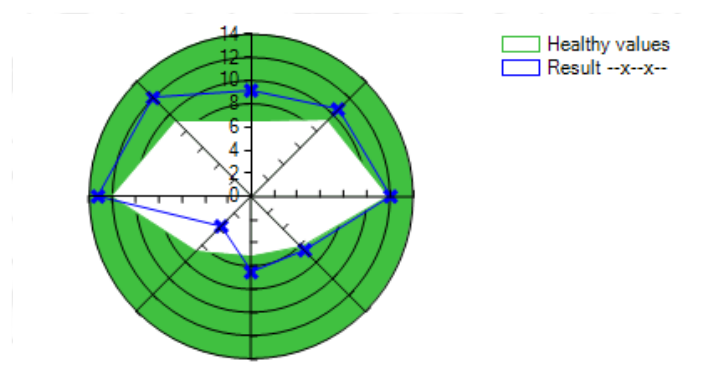
Mean position of the center of pressure on each test (cm)



## Limits of stability

	Reaction time (s)	Maximum excursion (cm)	Directional control (%)
Front (0°)	0.26 (Percentile 88) Not altered	9.15 (Percentile 78) Not altered	82.5 (Percentile 81) Not altered
Front-right (45°)	0.01 (Percentile 97) Not altered	10.62 (Percentile 40) Not altered	94.5 (Percentile 73) Not altered
Right (90°)	1.76 (Percentile 32) Not altered	12.06 (Percentile 19) Not altered	53.9 (Percentile 11) Altered
Right (90°)	0.98 (Percentile 58) Not altered	6.57 (Percentile 21) Not altered	85.6 (Percentile 71) Not altered
Rear (180°)	1.17 (Percentile 48) Not altered	6.54 (Percentile 48) Not altered	71.8 (Percentile 84) Not altered
Rear-left (225°)	1.62 (Percentile 49) Not altered	3.65 (Percentile 0.9) Very altered	69.9 (Percentile 41) Not altered
Left (270°)	0.01 (Percentile 97) Not altered	13.25 (Percentile 39) Not altered	96.9 (Percentile 41) Not altered
Front-left (315°)	1.41 (Percentile 50) Not altered	12.01 (Percentile 85) Not altered	72.3 (Percentile 59) Not altered

Maximum excursion on each direction (cm)



Rhythmic weight shift

Medial-lateral			
	Slow speed	Medium speed	Fast speed
Directional control (%)	-	-	-
	-	-	-
	-	-	-

Anterior-posterior			
	Slow speed	Medium speed	Fast speed
Directional control (%)	-	-	-
	-	-	-
	-	-	-

Comments:

Raw scores normalized to percentiles. Percentiles have been inversed in necessary cases to unify the qualitative results. Altered values: percentiles < 16. Very altered values: percentiles < 2.