

PROFILE ASSESSMENT

Marilena Pinto Mariz

2nd December, 2021

PROFILE INFORMATION

NAME	Marilena Pinto Mariz
ORGANISATION	On Morumbi Clinica Medica
DATE OF BIRTH	21 st June, 1948
GENDER	Female
HEIGHT	163cm / 64in
WEIGHT	41kg / 90lb
AGE	73



Standing Posture

Posture and Stability Assessment

Standing Posture is a baseline postural assessment that can provide insight into an individual's structural balance, alignment, and postural strategy.

RESULTS

BALANCE SNAPSHOT



SIDETRAK POSTURAL DEVIATION (SAGITTAL PLANE/SIDE VIEW)



KEY RESULTS

Neck lateral
flexion

1.9° **Right** ▼

Trunk lateral
flexion

0.5° **Left** ▼

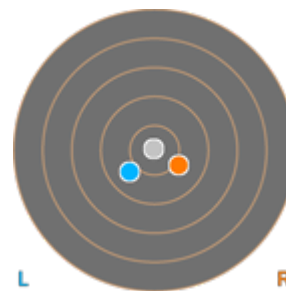
Pelvis Lateral
Tilt

0.7° **Left** ▼

Trunk Flexion

1.9° **Posterior**

SWAYTRAK MOVEMENT PATHS (KNEES AND CENTRE OF MASS)



PRACTITIONER COMMENTS



5 Repetition Sit to Stand

Lower Body Dynamic Assessment

5 Repetition Sit to Stand is an assessment that provides information on function leg power and strength of participants.

RESULTS

KEY RESULTS	OVERALL
Peak Knee Extension	0.0°
Knee Displacement	L 0.0 cm R 0.0 cm
Peak Lateral Trunk Flexion	0.0°

SNAPSHOTS					
START	REP 1: PEAK TRUNK FLEXION	REP 2: PEAK TRUNK FLEXION	REP 3: PEAK TRUNK FLEXION	REP 4: PEAK TRUNK FLEXION	REP 5: PEAK TRUNK FLEXION
□	□	□	□	□	□
KEY METRICS	REP 1	REP 2	REP 3	REP 4	REP 5
Knee-Ankle Separation Ratio	0.0	0.0	0.0	0.0	0.0
Lateral Trunk Flexion	0.0°	0.0°	0.0°	0.0°	0.0°
Knee Flexion	L 0.0° R 0.0°	L 0.0° R 0.0°	L 0.0° R 0.0°	L 0.0° R 0.0°	L 0.0° R 0.0°
Hip Flexion	L 0.0° R 0.0°	L 0.0° R 0.0°	L 0.0° R 0.0°	L 0.0° R 0.0°	L 0.0° R 0.0°
Trunk Flexion	0.0°	0.0°	0.0°	0.0°	0.0°

PRACTITIONER COMMENTS



Single Leg Stand

Posture and Stability Assessment

Single Leg Stand is a postural assessment that can provide insight into an individual's structural balance, alignment, postural strategy and imbalance.

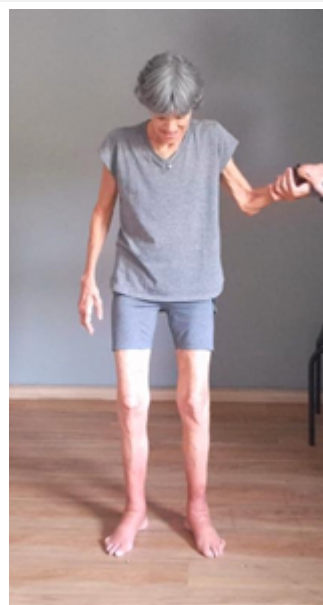
RESULTS

SNAPSHOTS

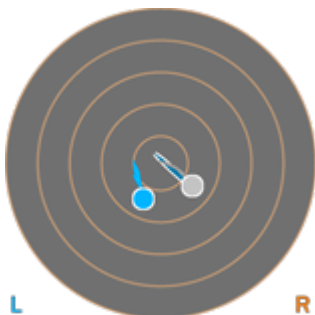
LEFT LEG



RIGHT LEG



SWAYTRAK MOVEMENT PATHS (KNEES AND CENTRE OF MASS)



KEY RESULTS	LEFT LEG	RIGHT LEG	IMBALANCE
Neck lateral flexion	0.8° Right ▼	5.9° Left ▼	+5.1°
Trunk lateral flexion	0.5° Left ▼	6.0° Left ▼	+5.5°
Pelvis Lateral Tilt	0.0° Left ▼	4.8° Left ▼	+4.8°
Trunk Flexion	0.8° Posterior	5.9° Anterior	N/A

PRACTITIONER COMMENTS (LEFT)

PRACTITIONER COMMENTS (RIGHT)





Cervical Spine Flexion/Extension

Range of Motion Assessment

Cervical Spine Flexion (forward) / Extension (backwards) calculated by taking the inclination of the head relative to the line of the trunk in the sagittal plane (side view).

RESULTS

PEAK FLEXION SNAPSHOT		PEAK EXTENSION SNAPSHOT		
				
KEY RESULTS	STARTING POSITION	PEAK FLEXION	PEAK EXTENSION	TOTAL RANGE
Flexion/Extension	0.0°	20.4°	17.6°	38.0°
Trunk Flexion	5.2° Posterior	3.7° Anterior	4.0° Posterior	N/A
Trunk lateral flexion	1.5°	1.3° Left ▼	1.6° Left ▼	N/A

PRACTITIONER COMMENTS



Cervical Spine Lateral Flexion

Range of Motion Assessment

Cervical Spine Lateral Flexion (left and right) is calculated by taking the inclination of the head relative to the line of the trunk in the frontal plane (front view).

RESULTS

PEAK LEFT LATERAL FLEXION		PEAK RIGHT LATERAL FLEXION	
			
KEY RESULTS	PEAK FLEXION (LEFT)	PEAK FLEXION (RIGHT)	IMBALANCE
Lateral Flexion	15.8°	16.8°	+1.0°
Trunk Flexion	3.0° Posterior	2.7° Posterior	N/A
Trunk lateral flexion at Peak Flexion	6.2° Left ▼	3.6° Right ▼	+2.5°

PRACTITIONER COMMENTS



Hip Internal/External Rotation

Range of Motion Assessment

Hip Internal/External Rotation is calculated by taking the angle created by the tibia relative to vertical in the frontal plane (front view) while seated with 90° of hip flexion.

RESULTS

PEAK INTERNAL ROTATION

LEFT



RIGHT

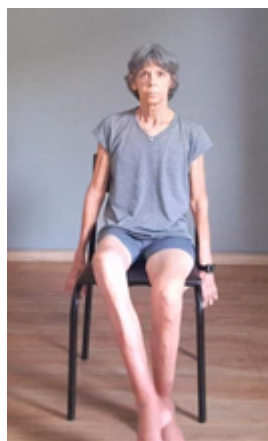


PEAK EXTERNAL ROTATION

LEFT



RIGHT



KEY RESULTS

LEFT

RIGHT

IMBALANCE

Peak Internal Rotation

17.6°

23.4°

+5.8°

Peak External Rotation

29.8°

33.4°

+3.7°

Total ROM

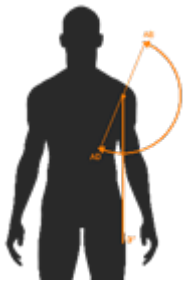
47.4°

56.8°

+9.4°

PRACTITIONER COMMENTS (**LEFT**)

PRACTITIONER COMMENTS (**RIGHT**)



Shoulder Adduction/Abduction

Range of Motion Assessment

Shoulder Adduction/Abduction is calculated by taking the angle created by the humerus (upper arm) relative to the line of the trunk in the frontal plane (front view).

RESULTS

PEAK ADDUCTION		PEAK ABDUCTION	
LEFT	RIGHT	LEFT	RIGHT
KEY RESULTS	LEFT	RIGHT	IMBALANCE
Shoulder Adduction	11.0°	10.7°	+0.3°
Shoulder Abduction	159.7°	159.9°	+0.2°
Trunk lateral flexion at Peak Abduction	0.6° Right ▼	3.1° Left ▼	+2.5°

PRACTITIONER COMMENTS (LEFT)

PRACTITIONER COMMENTS (RIGHT)



Shoulder Flexion/Extension

Range of Motion Assessment

Shoulder Flexion/Extension is calculated by taking the angle created by the humerus (upper arm) relative to the line of the trunk in the sagittal plane (side view).

RESULTS

PEAK FLEXION		PEAK EXTENSION	
LEFT	RIGHT	LEFT	RIGHT
KEY RESULTS	LEFT	RIGHT	IMBALANCE
Shoulder Flexion	200.4°	201.2°	+0.8°
Shoulder Extension	80.4°	80.5°	+0.0°
Trunk lateral flexion at Peak Flexion	0.6° Left ▼	2.7° Left ▼	+2.2°

PRACTITIONER COMMENTS (LEFT)

PRACTITIONER COMMENTS (RIGHT)



Shoulder Internal/External Rotation

Range of Motion Assessment

Shoulder Internal/External Rotation calculated by taking the angle created by the forearm relative to horizontal in the sagittal plane (side view).

RESULTS

PEAK INTERNAL ROTATION

LEFT

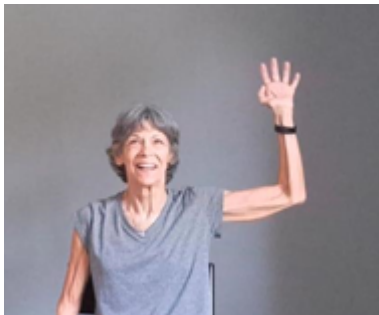


RIGHT



PEAK EXTERNAL ROTATION

LEFT



RIGHT



KEY RESULTS

LEFT

RIGHT

IMBALANCE

Shoulder Internal Rotation

114.2°

132.1°

+17.9°

Shoulder External Rotation

83.2°

82.1°

+1.2°

Total ROM

197.4°

214.1°

+16.7°

Trunk lateral flexion
at Peak Internal Rotation

2.3° Right ▼

1.4° Left ▼

+1.0°

PRACTITIONER COMMENTS (LEFT)

PRACTITIONER COMMENTS (RIGHT)



Sit To Stand

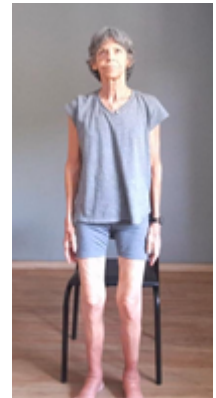
Lower Body Dynamic Assessment

Sit to Stand is a pathway assessment to the Repeated Sit to Stand Test. This test provides information on functional leg power and strength.

RESULTS

KEY RESULTS	OVERALL		
Peak Knee Extension	L 20.1° R 28.8°		
Knee Displacement	L 7.2 cm R 6.3 cm		
Peak Lateral Trunk Flexion	23.3° Left ▼		
PHASE	INITIAL	MID-POINT	FINAL

SNAPSHOTS



KEY METRICS	BEGINNING POSITION	PEAK TRUNK FLEXION	END POSITION
Knee-Ankle Separation Ratio	1.1	1.1	1.0
Lateral Trunk Flexion	0.9° Left ▼	6.5° Right ▼	1.3° Left ▼
Knee Flexion	L 105.9° R 96.1°	L 37.4° R 43.0°	L 27.5° R 32.7°
Hip Flexion	L 67.1° R 73.6°	L 80.8° R 82.6°	L 7.9° R 10.0°
Trunk Flexion	7.8° Posterior	60.0° Anterior	1.0° Posterior

PRACTITIONER COMMENTS






Stand to Sit

Lower Body Dynamic Assessment

Stand to Sit is an assessment on how well an individual can sit down without external support. This test provides information on lower limb stability, balance and strength.

RESULTS

KEY RESULTS	OVERALL			
Knee Displacement	L 4.3 cm R 2.1 cm			
Peak Lateral Trunk Flexion	9.0° Left ▼			
PHASE	INITIAL	MID-POINT	FINAL	
SNAPSHOTS				
KEY METRICS	BEGINNING POSITION	PEAK TRUNK FLEXION	END POSITION	
Knee-Ankle Separation Ratio	1.0	1.1	1.1	
Lateral Trunk Flexion	0.5° Left ▼	6.1° Left ▼	0.6° Left ▼	
Knee Flexion	L 29.0° R 32.6°	L 55.7° R 61.6°	L 85.3° R 86.5°	
Hip Flexion	L 6.1° R 7.7°	L 78.2° R 77.9°	L 65.2° R 64.7°	
Trunk Flexion	1.6° Posterior	36.3° Anterior	6.3° Posterior	

PRACTITIONER COMMENTS