

Leticia Perin 1st February, 2023

PROFILE INFORMATION

NAME	Leticia Perin
ORGANISATION	On Morumbi Clinica Medica
DATE OF BIRTH	27 th February, 2000
GENDER	Female
HEIGHT	176cm / 69in
WEIGHT	71kg / 156lb
AGE	22



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



SIDETRAK POSTURAL DEVIATION (SAGITTAL PLANE/SIDE VIEW)



SWAYTRAK MOVEMENT PATHS (KNEES AND CENTRE OF MASS)

Neck lateral flexion	4.5° Right ▼
Trunk lateral flexion	0.4° Right ▼
Pelvis Lateral Tilt	1.0° Right ▼
Trunk Flexion	4.5° Posterior





Single Leg Stand Balance Assessment

Standing balance over time is assessed while standing on one leg.

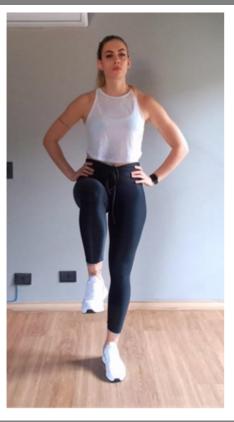
Eyes Open Surface Stable Time 10.0 s

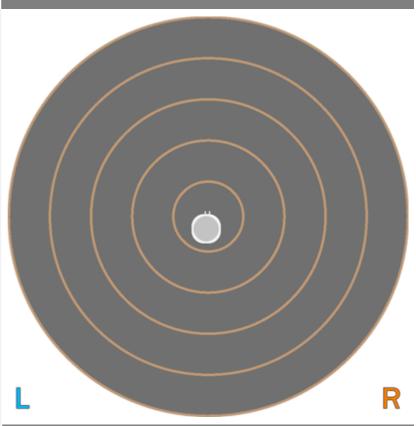
RESULTS

BALANCE RESULTS (LEFT)

SNAPSHOT - START OF TEST







KEY METRICS	RESULTS
Ellipse Area	0.14 cm-2
COM Path Length	12.81 cm
Range - ML	0.83 cm
Range – AP	3.45 cm
Pelvis Lateral Tilt	12.9° Left ▼
Trunk lateral flexion	4.3° Left ▼



Single Leg Stand Balance Assessment

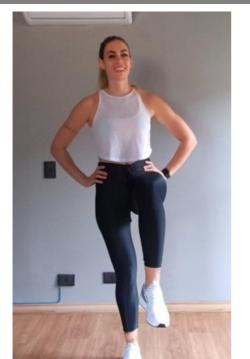
Standing balance over time is assessed while standing on one leg.

Eyes Open Surface Stable Time $10.0 \, s$

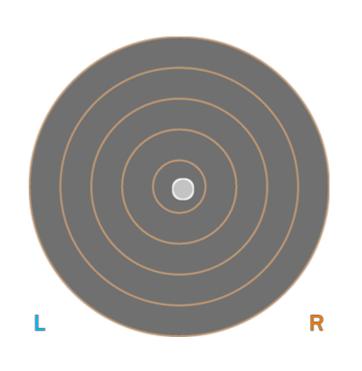
RESULTS

BALANCE RESULTS (RIGHT)

SNAPSHOT - START OF TEST







KEY METRICS	RESULTS
Ellipse Area	0.31 cm-2
COM Path Length	11.23 cm
Range - ML	1.71 cm
Range - AP	1.61 cm
Pelvis Lateral Tilt	15.3° Right ▼
Trunk lateral flexion	8.3° Right ▼

PRACTITIONER COMMENTS

Paciente com queixa de desequilibrio a direita





Squat Lower Body Dynamic Assessment

Squat is a dynamic movement assessment providing insight into an individual's balance, stability, flexibility, and strength.

RESULTS

SNAPSHOTS

START

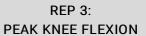


REP 1: PEAK KNEE FLEXION



REP 2: PEAK KNEE FLEXION







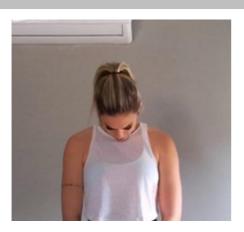
KEY RESULTS	REP 1	REP 2	REP 3
Peak Knee Flexion (Left)	129.3°	126.8°	126.7°
Peak Knee Flexion (Right)	127.4°	124.4°	125.4°
Spine Tilt at Peak Knee Flexion	39.3° Anterior	39.8° Anterior	42.9° Anterior
Trunk lateral flexion at Peak Knee Flexion	0.6° Right ▼	3.1° Right ▼	3.2° Right ▼



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





KEY RESULTS	STARTING POSITION	PEAK FLEXION	PEAK EXTENSION	TOTAL RANGE
Flexion/Extension	0.0°	17.1°	24.7°	41.8°
Trunk Flexion	1.9° Anterior	2.8° Posterior	8.0° Posterior	N/A
Trunk lateral flexion	0.5°	0.8° Right ▼	0.1° Left ▼	N/A

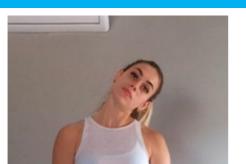


Cervical Spine Lateral Flexion Range of Motion Assessment

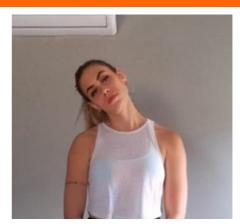
Cervical Spine Lateral Flexion (left and right) is calculated by taking the inclination of the head relative to the line of the trunk in the frontal plane (front view).

RESULTS

PEAK LEFT LATERAL FLEXION



PEAK RIGHT LATERAL FLEXION



KEY RESULTS	PEAK FLEXION (LEFT)	PEAK FLEXION (RIGHT)	IMBALANCE
Lateral Flexion	21.2°	20.4°	+0.8°
Trunk Flexion	9.9° Posterior	9.0° Posterior	N/A
Trunk lateral flexion at Peak Flexion	3.0° Left ▼	2.0° Right ▼	+1.0°



Overhead Squat

Lower Body Dynamic Assessment

Overhead squat is a dynamic movement assessment providing insight into an individual's balance, stability, flexibility, and strength.

RESULTS

REP 1: REP 2: REP 3: **START** PEAK KNEE FLEXION PEAK KNEE FLEXION PEAK KNEE FLEXION KEY RESULTS REP 1 REP 2 REP 3 Peak Knee Flexion (Left 137.3° 135.5° 139.8° Peak Knee Flexion (136.0° 134.3° 140.0° Right) **Trunk Flexion** 34.0° Anterior 32.4° Anterior 32.2° Anterior at Peak Knee Flexion Trunk lateral flexion 1.0° Right ▼ 2.2° Right ▼ 2.9° Right ▼ at Peak Knee Flexion





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	5.0°	6.0°	+1.1°
Shoulder Abduction	193.2°	179.7°	+13.5°
Trunk lateral flexion at Peak Abduction	1.1° Right ▼	0.6° Left ▼	+0.5°
PRACTITIONER COMMENT	S(LEFT)	PRACTITIONER COMMEN	TS (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	253.8°	254.0°	+0.2°
Shoulder Extension	66.1°	63.8°	+2.2°
Trunk lateral flexion at Peak Flexion	2.2° Right ▼	4.1° Left ▼	+1.9°
PRACTITIONER COMMENT	S(LEFT)	PRACTITIONER COMMEN	TS (RIGHT)





Shoulder Internal/External Rotation

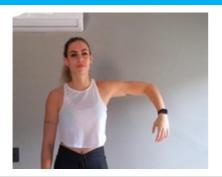
Range of Motion Assessment

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

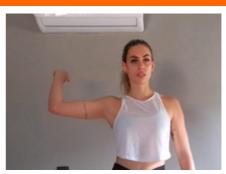


PEAK EXTERNAL ROTATION

LEFT



RIGHT



KEY RESULTS	LEFT	RIGHT	IMBALANCE
Shoulder Internal Rotation	45.4°	31.7°	+13.8°
Shoulder External Rotation	100.7°	106.9°	+6.2°
Total ROM	146.2°	138.6°	+7.6°
Trunk lateral flexion at Peak Internal Rotation	1.3° Right ▼	2.1° Left ▼	+0.8°

PRACTITIONER COMMENTS (LEFT)

PRACTITIONER COMMENTS (RIGHT)

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Hip Internal/External Rotation Range of Motion Assessment

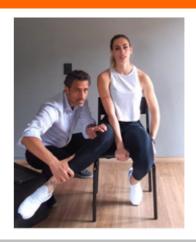
Hip Internal/External Rotation is calculated by taking the angle created by the tibia relative to vertical in the frontal plane (front view) while seated with 90° of hip flexion.

RESULTS

LEFT



RIGHT



LEFT



RIGHT



KEY RESULTS	LEFT	RIGHT	IMBALANCE
Peak Internal Rotation	50.4°	45.1°	+5.3°
Peak External Rotation	51.4°	43.4°	+8.0°
Total ROM	101.8°	88.5°	+13.3°

PRACTITIONER COMMENTS (LEFT)

PRACTITIONER COMMENTS (RIGHT)





Lunge Lower Body Dynamic Assessment

The Lunge assesses the strength and range of motion of the knees and hips.

RESULTS

PEAK KNEE FLEXION

LEFT





KEY METRICS	LEFT LEG	RIGHT LEG	ASYMMETRY
Peak Hip Flexion	62.0°	74.7°	17.1%
Peak Knee Flexion	94.3°	87.3°	7.3%
Peak Spine Lateral Tilt	1.1° Posterior	0.6° Anterior	N/A
Peak Pelvic Lateral Tilt	5.5° Right	3.2° Right	N/A

PRACTITIONER COMMENTS (LEFT)

PRACTITIONER COMMENTS (RIGHT)





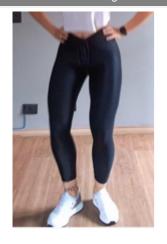
Countermovement Jump

Lower Body Dynamic Assessment

The Countermovement Jump assesses the landing posture during an explosive dynamic exercise.

RESULTS

PEAK KNEE FLEXION after landing



KEY METRICS (TORSO)

Jump Height	26.03 cm

Peak Spine Tilt	23.2° Anterior
after landing	20.2 Anterior

Peak Lateral Spine Tilt after landing 0.7° Right

Peak Lateral Pelvic Tilt	
I Cak Lateral I Civic Till	2° Right
after landing	2 Kight

KEY METRICS (LEGS)	LEFT LEG	RIGHT LEG	ASYMMETRY
Peak Hip Flexion after landing	46.1°	46.2°	0.4%
Peak Knee Flexion after landing	59.6°	59.6°	N/A
Peak Knee Valgus/Varus after landing	10.4° Varus	11.4° Varus	9%





Drop Jump Lower Body Dynamic Assessment

Drop Jump is used to assess coordination, balance, joint stability and power, requiring the patient to drop from a box or platform and transition from landing into an explosive jump .

Height

unspecified

RESULTS

PHASE	Initial Contact		Peak Knee Flexion	
SNAPSHOTS				
Result				
Knee-Ankle Separation Ratio	0.9		1.3	
Hip Flexion (Left)	56.4°		96.6°	
Hip Flexion (Right)	53.3°		97.2°	
Knee Flexion (Left)	58.4°		97.7°	
Knee Flexion (Right)	55.2°		94.1°	
2.0		111		KASR
ଳ 1.5				Initial Contact
<u> </u>				Peak Knee Flexion
tution to the second representation to the se		1	=	Full Knee Extension
0.5	2000	4000	6000	
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