

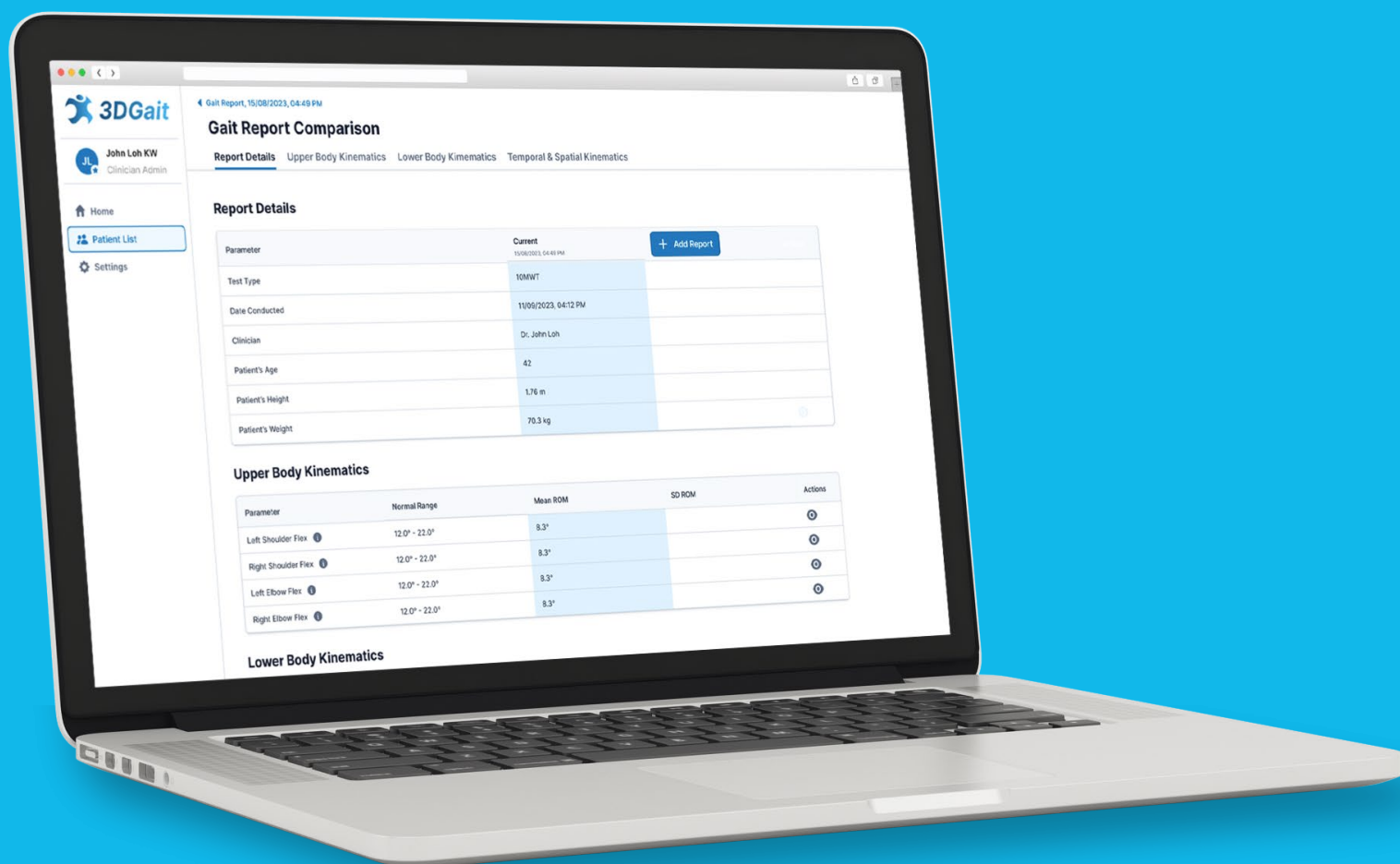


Human body motion
analytics tailored for
clinicians, accessible
at your fingertips.

ABOUT 3DGAIT

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Our flagship innovation, **3DGait**, stands at the forefront of healthcare transformation.



This groundbreaking solution leverages single camera and **3D AI** technology to accurately analyse **human body motion**, offering insights into movement patterns and related disorders.

ADVANTAGES OF USING 3DGAIT



Precision Analysis

Achieve research-grade accuracy comparable to a motion capture studio, ensuring reliable data for robust clinical research.



Time Savings

Streamline workflow, reducing clinical research time from **5 hours** to just **10 minutes**.



Enhanced Flexibility

Conduct studies **anywhere** using just an iPad Pro, eliminating the need for wearables and cumbersome equipment, thus enhancing research **flexibility**.



WHO CAN BENEFIT

Clinical Researchers

To conduct clinical trials and research studies on movement disorders



Rehabilitative Doctors

To monitor and track patient's progress



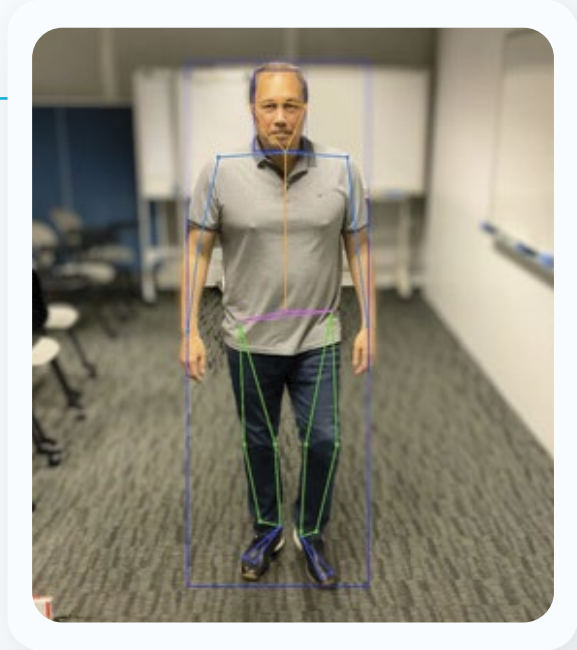
Community or Active Centres

To evaluate their client's mobility

KEY FEATURES

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1



No body suit or attached sensors needed. Utilizes recorded video to detect the key points on human body, generates **3D model** and compute over **40 digital biomarkers**.

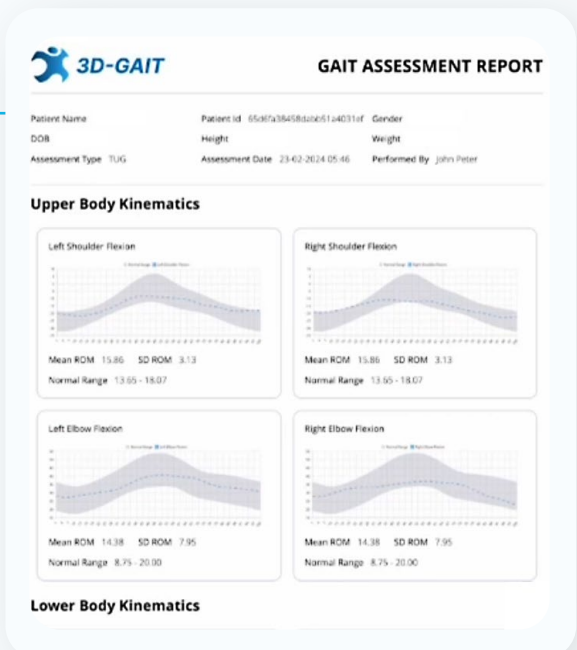
2

Generates **detailed reports** with angular, temporal, and spatial parameters for analysis.

Parameter	Normal Range (Mean)	Mean ROM	SD ROM
Left Shoulder Flex	12.0° - 22.0°	8.3°	+1.2°
Right Shoulder Flex	12.0° - 22.0°	8.3°	+1.2°
Left Elbow Flex	12.0° - 22.0°	8.3°	+1.2°
Right Elbow Flex	12.0° - 22.0°	8.3°	+1.2°

Lower Body Kinematics			
Parameter	Normal Range (Mean)	Mean ROM	SD ROM
Left Pelvis Tilt	12.0° - 22.0°	8.3°	+1.2°
Right Pelvis Tilt	12.0° - 22.0°	8.3°	+1.2°
Left Pelvis Obliquity	12.0° - 22.0°	8.3°	+1.2°
Right Pelvis Obliquity	12.0° - 22.0°	8.3°	+1.2°
Left Pelvis Rotation	12.0° - 22.0°	8.3°	+1.2°
Right Pelvis Rotation	12.0° - 22.0°	8.3°	+1.2°
Left Hip Flex	12.0° - 22.0°	8.3°	+1.2°
Right Hip Flex	12.0° - 22.0°	8.3°	+1.2°
Left Hip Abduction	12.0° - 22.0°	8.3°	+1.2°
Right Hip Abduction	12.0° - 22.0°	8.3°	+1.2°
Left Hip Rotation	12.0° - 22.0°	8.3°	+1.2°
Right Hip Rotation	12.0° - 22.0°	8.3°	+1.2°
Left Knee Flex	12.0° - 22.0°	8.3°	+1.2°
Right Knee Flex	12.0° - 22.0°	8.3°	+1.2°
Left Knee Abduction	12.0° - 22.0°	8.3°	+1.2°

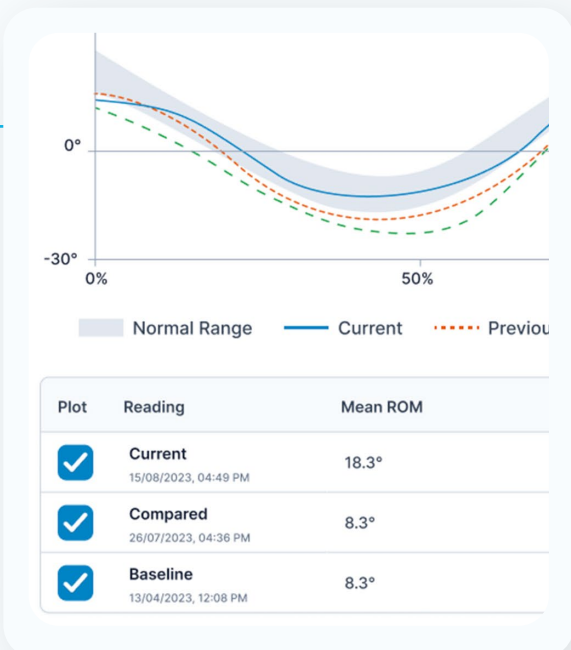
3



Provides **key statistics** for each biomarker, highlighting deviations from healthy norms.

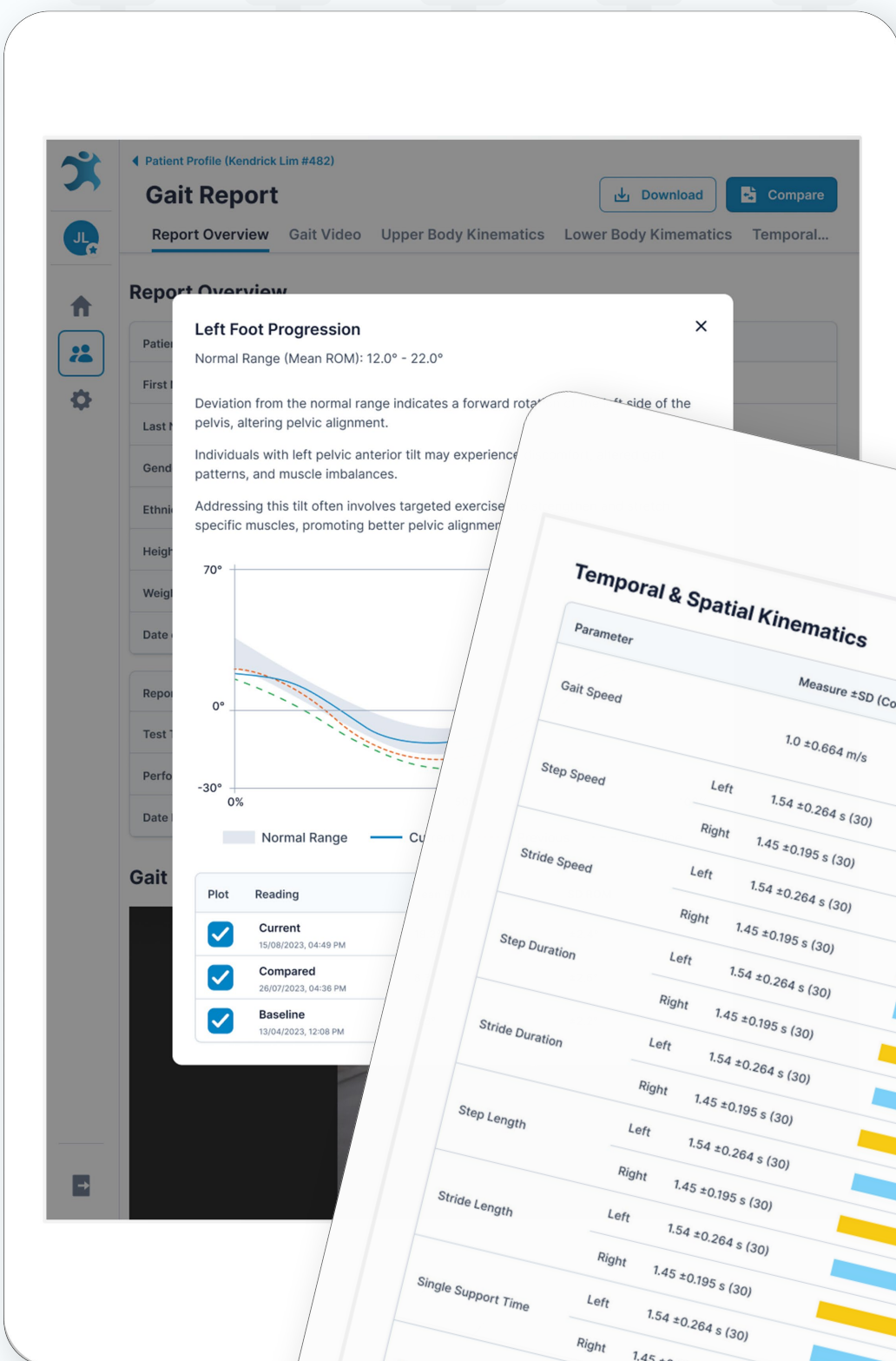
4

Allows users to compare selected biomarkers, facilitating assessment of variations over time.



QUICK 6 STEPS TO NAVIGATE OUR APPLICATION

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The screenshot displays a table titled 'Temporal & Spatial Kinematics' with columns for 'Parameter', 'Measure ±SD (Count)', and 'L/R Difference'. The table lists various gait parameters such as Gait Speed, Step Speed, Stride Speed, Step Duration, Stride Duration, Step Length, Stride Length, Single Support Time, Double Support Time, and Total Double Support Time. Each parameter is broken down into Left and Right side measurements. The 'L/R Difference' column shows the difference between the two sides, with a value of 0.09 for most parameters. The 'Total Double Support Time' is listed as 59 ± 0.664 m/s (30).

Parameter	Measure ±SD (Count)	L/R Difference
Gait Speed	1.0 ± 0.664 m/s	
Step Speed	Left: 1.54 ± 0.264 s (30) Right: 1.45 ± 0.195 s (30)	Δ 0.09
Stride Speed	Left: 1.54 ± 0.264 s (30) Right: 1.45 ± 0.195 s (30)	Δ 0.09
Step Duration	Left: 1.54 ± 0.264 s (30) Right: 1.45 ± 0.195 s (30)	Δ 0.09
Stride Duration	Left: 1.54 ± 0.264 s (30) Right: 1.45 ± 0.195 s (30)	Δ 0.09
Step Length	Left: 1.54 ± 0.264 s (30) Right: 1.45 ± 0.195 s (30)	Δ 0.09
Stride Length	Left: 1.54 ± 0.264 s (30) Right: 1.45 ± 0.195 s (30)	Δ 0.09
Single Support Time	Left: 1.54 ± 0.264 s (30) Right: 1.45 ± 0.195 s (30)	Δ 0.09
Double Support Time	Left: 1.54 ± 0.264 s (30) Right: 1.45 ± 0.195 s (30)	Δ 0.09
Total Double Support Time	59 ± 0.664 m/s (30)	Δ 0.09



1

Download **TestFlight** from the Apple Store.

2

Open the email containing the **download link** on your iPad Pro.

3

Tap the link to download **3DGait** through **TestFlight**.

4

Log in to your account using the provided credentials.

5

Follow the **on-screen instructions** to capture the video of the desired motion.

6

Run the analysis on the captured video and **review** the provided statistics to track progress.



ABOUT US

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Carecam is redefining therapeutics by creating digital biomarkers from **human body motion** to enable early interventions and deliver personalised care to patients via a proprietary, patented technology platform.

We combine the use of a **single camera** and **3D AI technology** to provide unique insights across frailty, musculoskeletal and neurological diseases that include cardio-ageing, stroke and Parkinson's disease.

THANK YOU FOR YOUR TIME!

To try 3DGait application and
for further info please visit:

-  enquiry@carecam.ai
-  www.carecam.ai
-  Carecam