GaitON®

by auptimo

Sitting Posture Analysis

GaitON is trusted by **300+ clinicians**
globally for gait & posture analysis
Is your center GaitON ready?

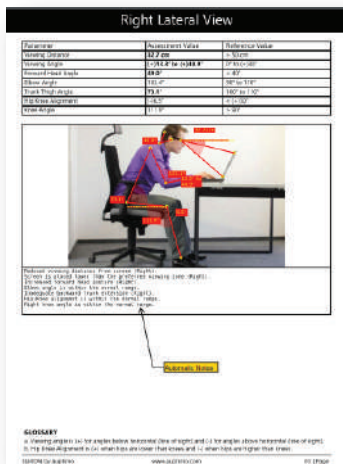## A 3 step process to complete a biomechanical assessment

1. CAPTURE

Capture the patient's posture from multiple views using cameras.
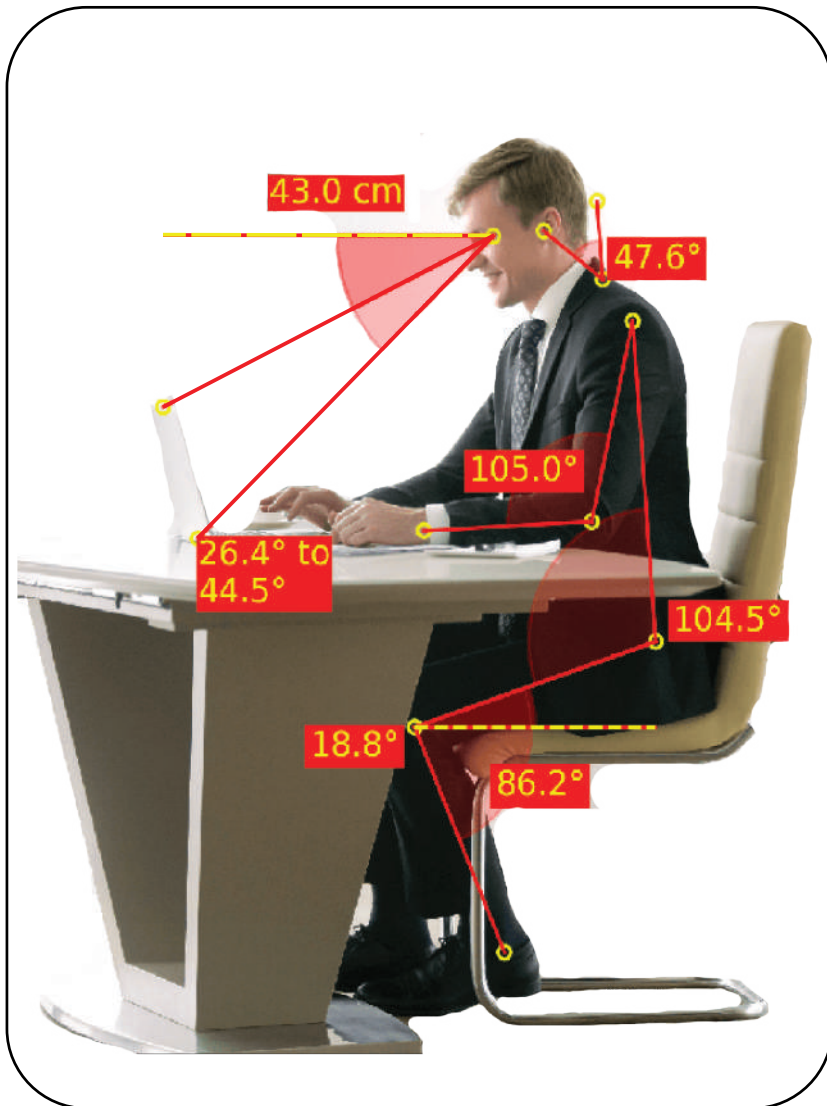
2. ANALYZE

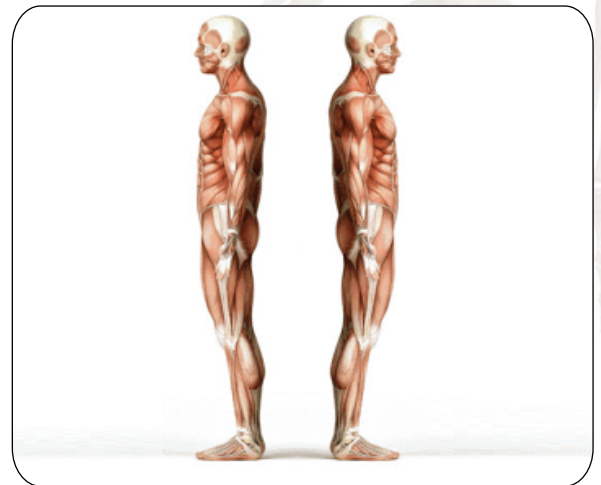Analyse the posture using GaitON's inbuilt sitting protocol.

3. REPORT

Export the analysis results to well organised and print ready reports.

SITTING POSTURE ANALYSIS

GaitON's sitting posture analysis module performs a detailed ergonomic assessment in a few clicks & generates an organized report.
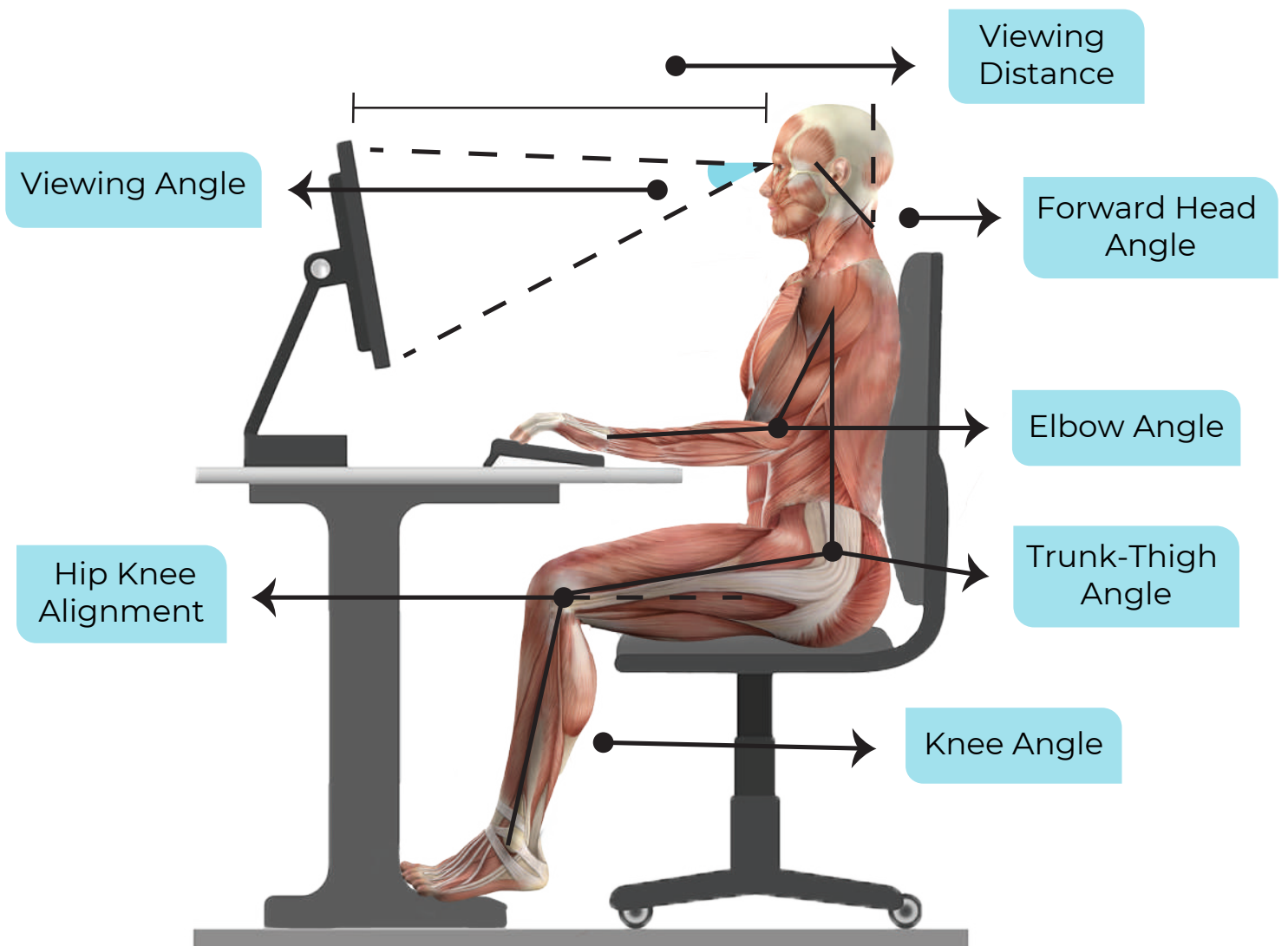
VIEWS ANALYZED

LEFT AND RIGHT LATERAL VIEW

TIME PER ANALYSIS

5 MINUTES

43.0 cm

47.6°

105.0°

26.4° to 44.5°

104.5°

18.8°

86.2°

GaitON's sitting module analyses the complete sitting posture from left and right lateral views.

Viewing Distance

Viewing Angle

Forward Head Angle

Elbow Angle

Hip Knee Alignment

Trunk-Thigh Angle

Knee Angle

SITTING POSTURE REPORTS : KEY FEATURES

A detailed report highlighting **abnormal postural deviations** in table and angular form.

Left Lateral View

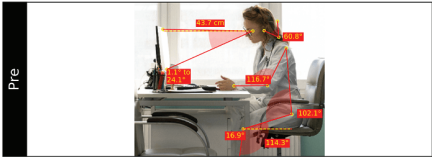| Parameter	Assessment Value	Reference Value
Viewing Distance	34.4 cm	> 50 cm
Viewing Angle	(-)0.9° to (+)30.1°	0° to (+)30°
Forward Head Angle	47.9°	< 40°
Elbow Angle	129.2°	90° to 110°
Trunk Thigh Angle	97.2°	100° to 110°
Hip Knee Alignment	(-)20.8°	< (+)10°
Knee Angle	110.3°	> 90°

Reduced viewing distance from screen (Left).
Screen is too large for this viewing distance and exceeds the preferred viewing zone (Left).
Increased forward head posture (Left).
Increased elbow extension (Left).
Inadequate backward trunk extension (Left).
Hip-Knee alignment is within the normal range.
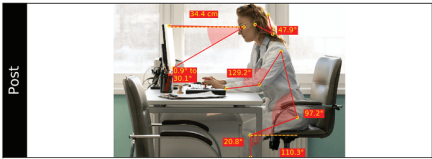Left knee angle is within the normal range.

Pre-Post comparison of posture.

Left Lateral View

Parameter	Pre	Post	Reference Value
Viewing Distance	43.7	34.4	> 50 cm
Viewing Angle	(-)1.1° to (+)24.1°	(-)0.9° to (+)30.1°	0° to (+)30°
Forward Head Angle	60.8°	47.9°	< 40°
Elbow Angle	116.7°	129.2°	90° to 110°
Trunk Thigh Angle	102.1°	97.2°	100° to 110°
Hip Knee Alignment	(-)16.9°	(-)20.8°	< (+)10°
Knee Angle	114.3°	110.3°	> 90°

Automatic documentation of all observations in the report.

Report Summary

Interpretation

Reduced viewing distance from screen (Left).
Screen is too large for this viewing distance and exceeds the preferred viewing zone (Left).
Increased forward head posture (Left).
Increased elbow extension (Left).
Inadequate backward trunk extension (Left).

*Please correlate clinically.

SITTING POSTURE ANALYSIS

Adidas

Indian Navy

BSF

Jamia Milia Islamia

Hawai'i Pacific University

SRM University

Amrita Hospital

Belle Vue Clinic

Col(Dr) Rana K Chengappa
Sports Medicine & Ortho Rehab

Perfect Bounce

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GaitON®
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