

GaitON[®]

by auptimo



Posture Analysis

GaitON is trusted by **300+ clinicians** globally for gait & posture analysis

Is your center **GaitON** ready?

WORKFLOW

A 3 step process to complete a biomechanical assessment

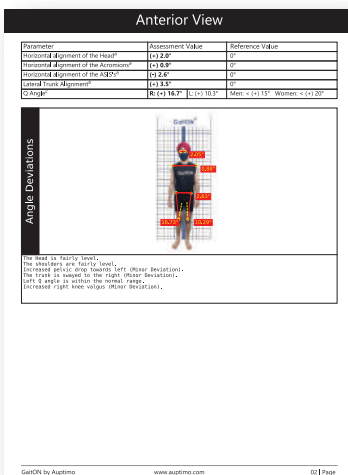
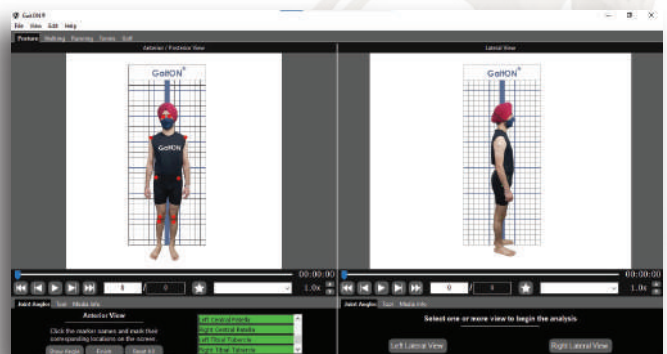


1. CAPTURE

Capture the patient's motion from multiple views using cameras.

2. ANALYZE

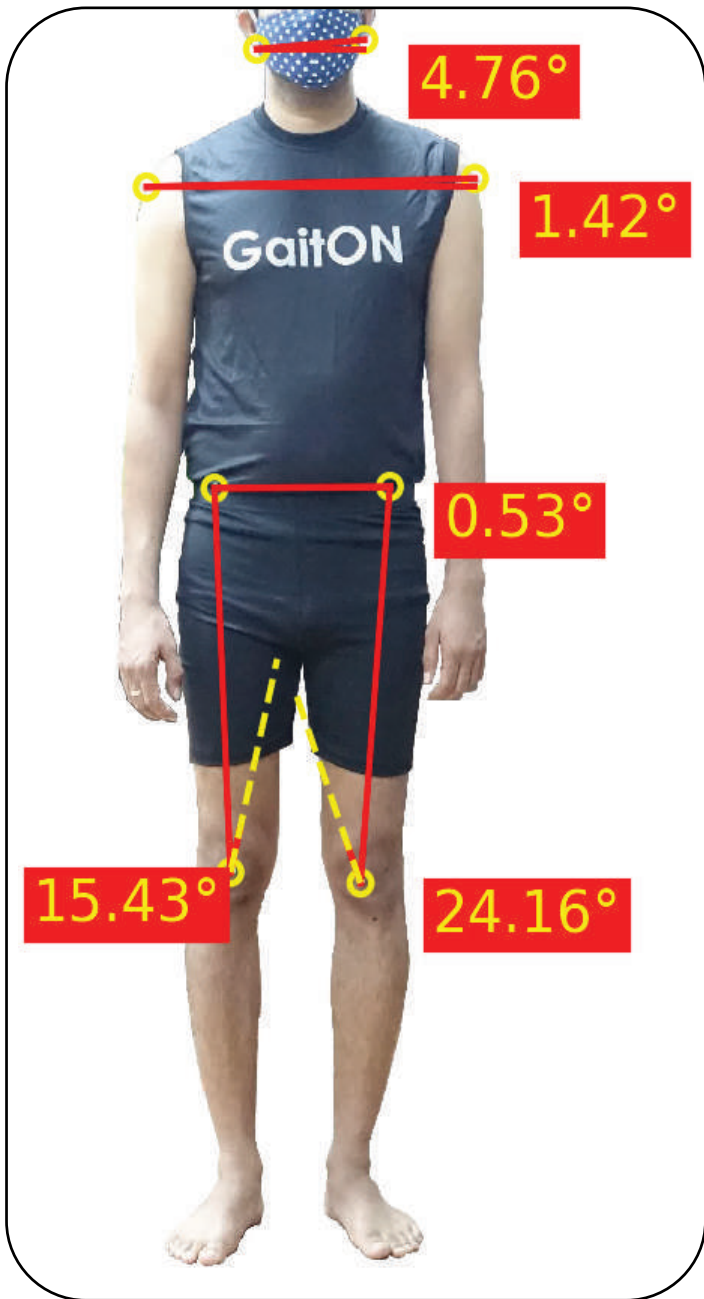
Analyse the motion using GaitON's inbuilt protocols.



3. REPORT

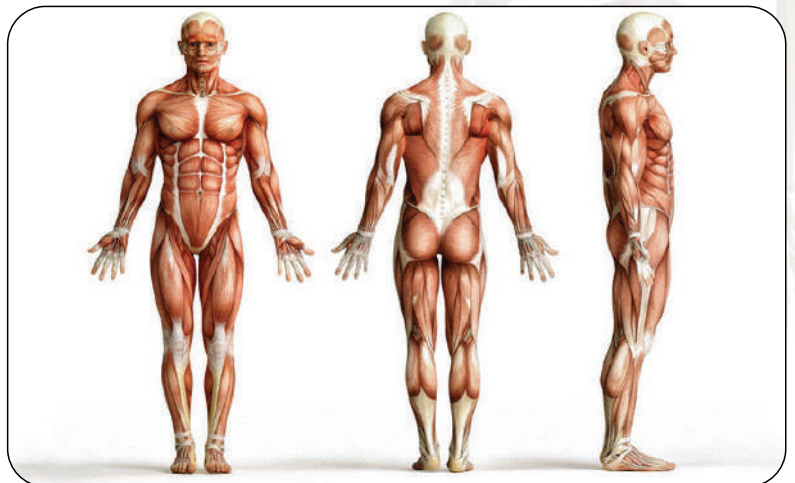
Export the analysis results to well organised and print ready reports.

POSTURE ANALYSIS



GaitON's posture analysis protocol identifies key postural deviations from multiple views & exports all data to a report.

VIEWS ANALYZED



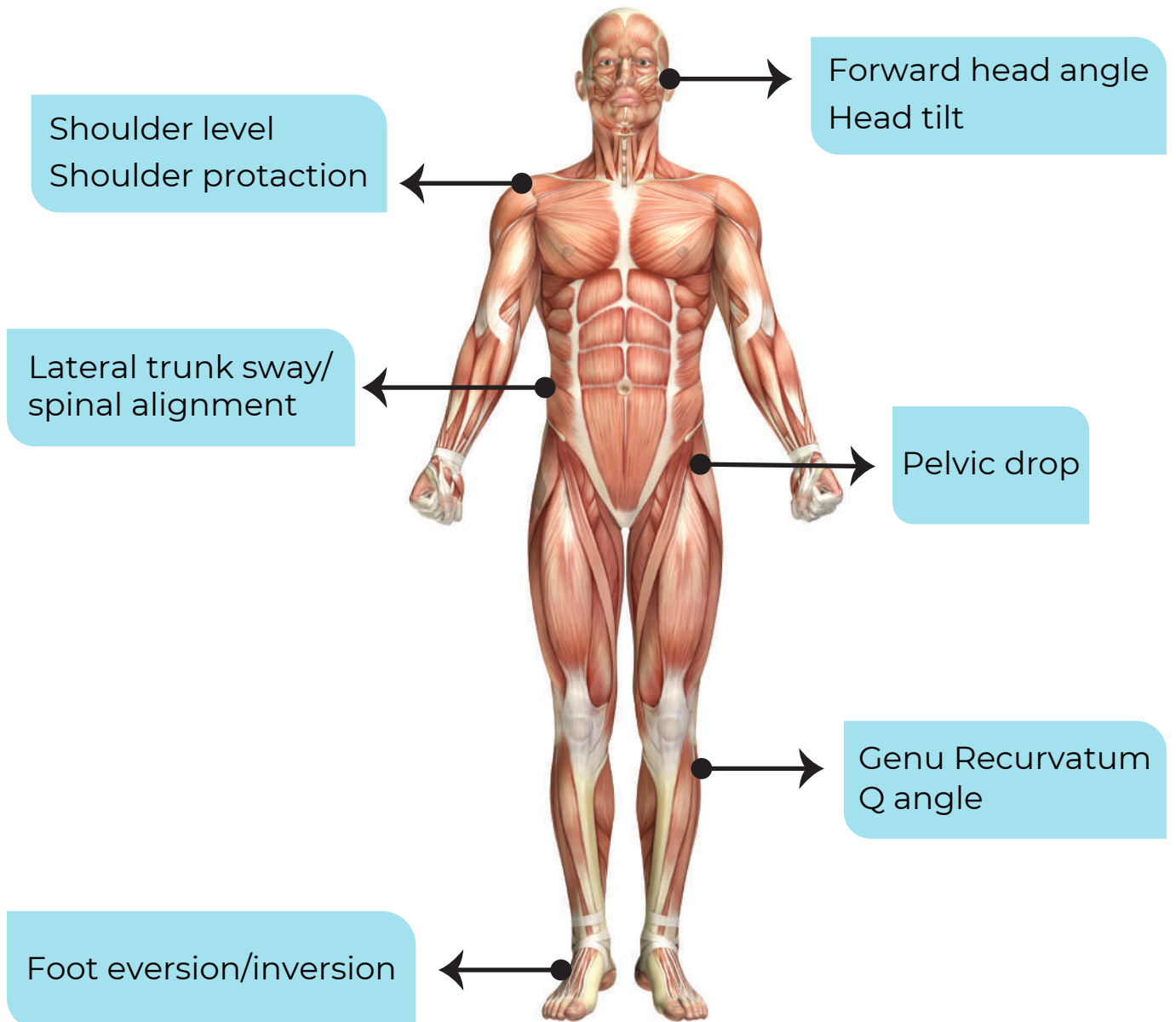
ANTERIOR . POSTERIOR . LATERAL

TIME PER ANALYSIS

5 MINUTES

KEY DATA MEASURED

GaitON's posture analysis protocol analyses the upper & lower body posture of the patient from anterior, posterior & lateral views.

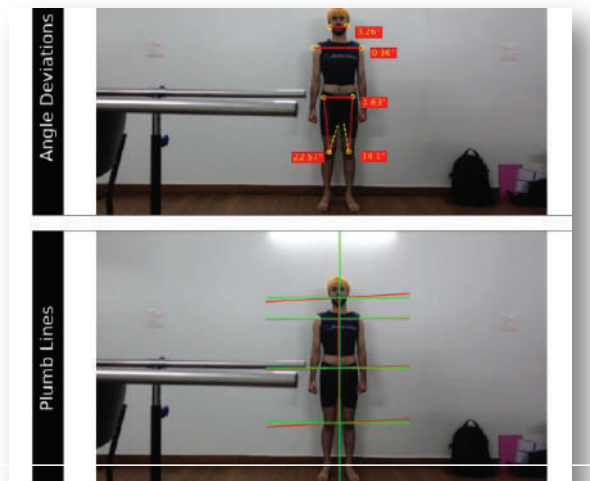


POSTURE REPORTS : KEY FEATURES

Inbuilt reference values for an **accurate diagnosis**.

Comparison of left & right extremity posture.

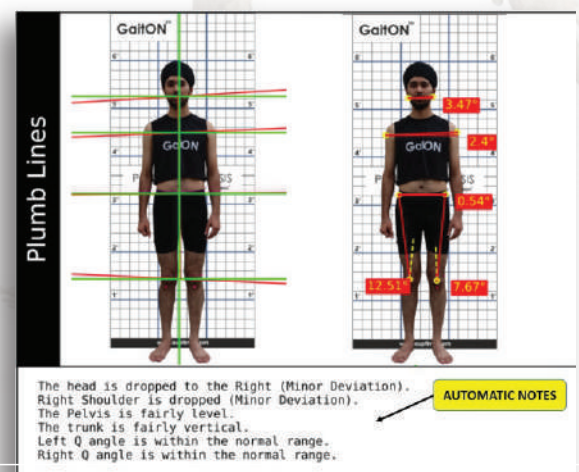
KINEMATIC DATA				
Anterior View				
Parameter	Assessment Value	Reference Value		
Horizontal alignment of the Head ^a	(+) 0.9°	0°		
Horizontal alignment of the Acromions ^a	(+) 0.0°	0°		
Horizontal alignment of the ASISs ^a	(+) 2.3°	0°		
Lateral Trunk Alignment ^b	(-) 2.3°	0°		
Anterior View				
Parameter	Left	Reference Value	Right	Reference Value
Q Angle ^c	(+) 13.5°	< (+) 15° for Men < (+) 20° for Women	(+) 22.0°	< (+) 15° for Men < (+) 20° for Women
Posterior View				
Parameter	Left	Reference Value	Right	Reference Value
Rear Foot Angle ^d	(+) 1.0°	(-) 5° to (+) 5°	(-) 0.5°	(-) 5° to (+) 5°
Lateral View				
Parameter	Left	Reference Value	Right	Reference Value
Forward Head Angle	58.9°	> 50°	60.9°	> 50°
Shoulder Angle	87.2°	> 52°	63.1°	> 52°



Representation of **postural deviations** through angles & plumb lines.

Automatic **documentation** of all postural deviations.

Pre & Post Assessment of posture after any surgical/ rehab intervention.



REFERENCES



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



Delhi Foot



Sporting Ethos

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